

Converting Colors

XYZ(83.6288, 87.4664, 95.3714)

Have a look what the booklet for
XYZ(83.6288, 87.4664, 95.3714)
contains.

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Color

**XYZ(83.6552, 87.5483,
95.7085)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F0F1
RGB	242, 240, 241
RGB Percent	95%, 94%, 95%
CMY	0.0510, 0.0588, 0.0549
CMYK	0.00, 0.01, 0.00, 0.05
HSL	330°, 7%, 95%
HSV	330°, 1%, 95%
XYZ	83.6552, 87.5483, 95.7085
YIQ	240.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

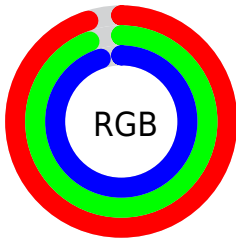
Format	Color
R _Y B	242, 240, 241
Decimal	15921393
CIE Lab	94.97, 0.85, -0.26
CIE LCh	95, 0.885, 343.189
Yxy	87.5483, 0.3134, 0.3280
Android (android.graphics.Color)	4294111473 (0xFF2F0F1)
YUV	240.7120, 0.1420, 1.1296
Hunter-Lab	93.5672, -4.1521, 4.8502

Details

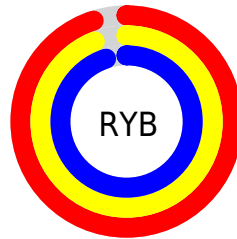
The XYZ color **83.6552, 87.5483, 95.7085** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.5677, 88.3826, 95.8785**, and the grayscale version is **83.3833, 87.7257, 95.5333**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.1471, 48.2229, 52.7747** is the 20% darker color. If you saturate the color by 10%, you get **75.2504, 73.5400, 84.2679**, and if you desaturate by 10%, it is **90.1281, 97.4974, 107.1020**.

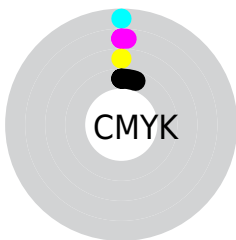
Distribution



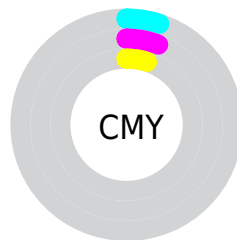
- Red (95%)
- Green (94%)
- Blue (95%)



- Red (95%)
- Yellow (94%)
- Blue (95%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.6552, 87.5483, 95.7085 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 83.6552, 87.5483, 95.7085 by changing the saturation by 10% instead.

83.6552, 87.5483,
95.7085

83.6552, 87.5483,
95.7085

495.7185,
520.0229, 567.4729

63.0495, 65.9490,
72.1247

137.4165,
143.9281, 157.2471

46.1401, 48.2310,
52.7731

171.3029,
179.4775, 196.0388

32.5615, 34.0099,
37.2351

210.3469,
220.4457, 240.7370

21.9483, 22.9012,
25.0924

254.9138,
267.2171, 291.7602

13.9353, 14.5206,
15.9263

305.3691,
320.1761, 349.5268

8.1571, 8.4836,
9.3182

362.0781,

4.2483, 4.4059,

379.7072, 414.4554

4.8497

425.4061,
446.1946, 486.9646

■ 1.8435, 1.9031,
2.1021

■ 0.5437, 0.5503,
0.6170

■ 83.6552, 87.5483,
95.7085

■ 83.6552, 87.5483,
95.7085

■ 75.2504, 73.5400,
84.2679

■ 90.1281, 97.4974,
107.1020

■ 67.8740, 61.4007,
73.7522

■ 90.4285, 97.6175,
108.6837

■ 61.4864, 51.0536,
64.1375

■ 56.0424, 42.4124,
55.3965

■ 51.4931, 35.3833,
47.5003

■ 47.7851, 29.8636,
40.4180

■ 44.8588, 25.7387,
34.1162

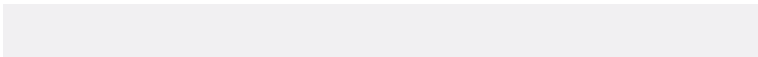
■ 42.6462, 22.8772,
28.5581

■ 41.0664, 21.1220,
23.7019

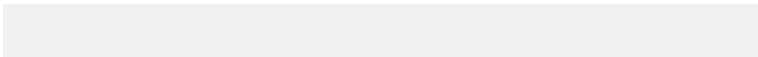
Harmonies

Analogous

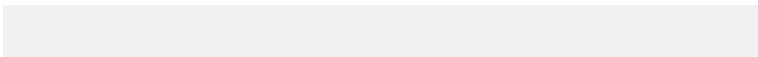
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.5287, 87.5483, 96.2934



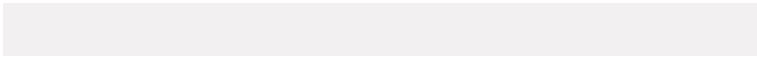
83.6552, 87.5483, 95.7085



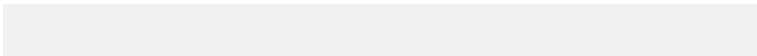
83.6628, 87.5483, 95.0235

Triad

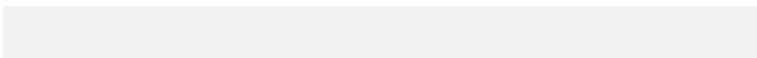
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.6552, 87.5483, 95.7085



83.1066, 87.5483, 94.0424



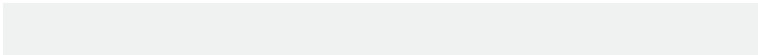
82.8755, 87.5483, 96.2339

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



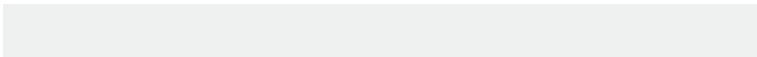
83.6552, 87.5483, 95.7085



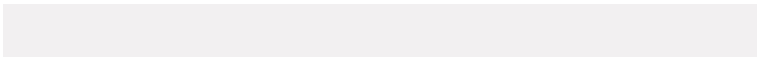
83.5677, 88.3826, 95.8785

Split Complementary

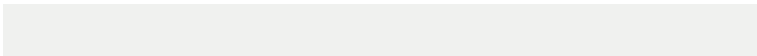
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.7629, 87.5483, 95.6275



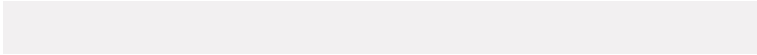
83.6552, 87.5483, 95.7085



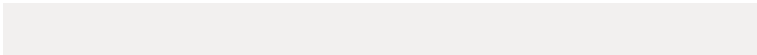
82.8961, 87.5483, 94.3635

Square

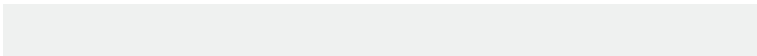
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



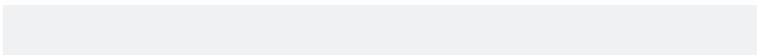
83.6552, 87.5483, 95.7085



83.3458, 87.5483, 94.0639



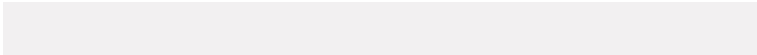
82.7704, 87.5483, 94.9430



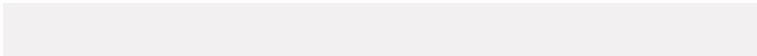
83.0785, 87.5483, 96.5978

Rectangle

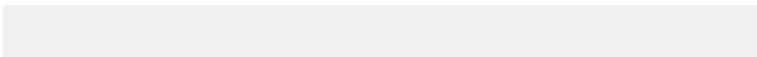
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



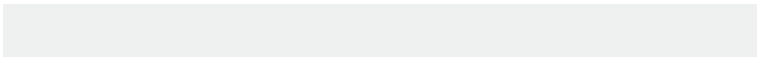
83.6552, 87.5483, 95.7085



83.5994, 87.5483, 94.6025



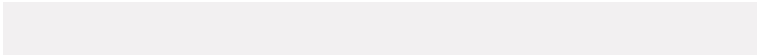
82.7704, 87.5483, 94.9430



82.8259, 87.5483, 96.0516

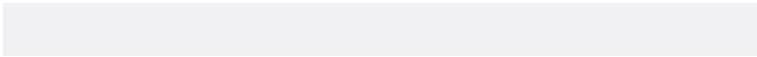
Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



83.6577, 87.5521, 95.7104

95.0500, 100.0000, 108.9000



83.4659, 87.4359, 96.4832



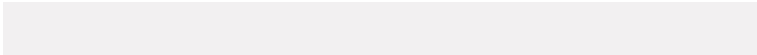
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

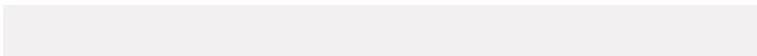
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.6577, 87.5521, 95.7104



94.0369, 98.3018, 107.5510



83.5093, 87.4927, 94.9290



17.6251, 18.4311, 20.1601



21.5867, 10.9071, 11.0059



1.8460, 0.9275, 1.1800

Inverse Universe

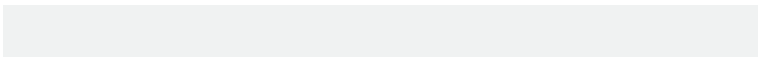
The Inverse Universe completely reimagines the original color for something new.



83.6577, 87.5521, 95.7104



94.0369, 98.3018, 107.5510



83.7169, 88.4423, 96.6643



17.6251, 18.4311, 20.1601



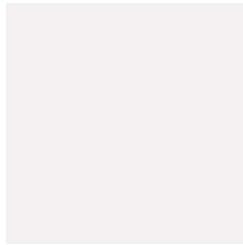
21.5867, 10.9071, 11.0059



1.8460, 0.9275, 1.1800

Previews

White Background



This preview shows how the XYZ color 83.6552, 87.5483, 95.7085 looks on a white background.

Color Contrast Check

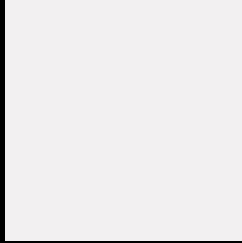
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 83.6552, 87.5483, 95.7085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

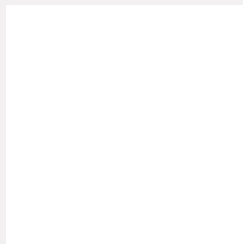
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.6552, 87.5483, 95.7085

Background



This preview shows how black text looks on a background with the XYZ color 83.6552, 87.5483, 95.7085.



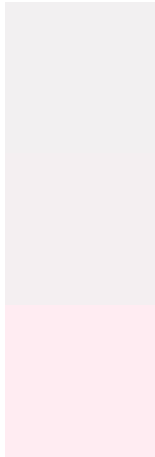
This preview shows how white text looks on a background with the XYZ color 83.6552, 87.5483,

95.785.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

83.6552, 87.5483, 95.7085

Protanopia

84.0519, 87.3170, 95.6429

Deuteranopia

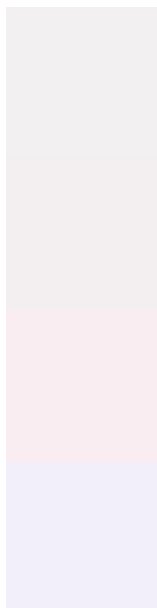
87.2625, 87.6617, 96.3256



Tritanopia

85.9328, 87.6022, 106.9875

Trichromacy



Original Color

83.6552, 87.5483, 95.7085

Protanomaly

83.7058, 87.1386, 95.6267

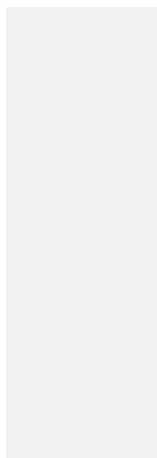
Deuteranomaly

85.7355, 87.3032, 96.3368

Tritanomaly

85.0840, 87.6898, 102.8839

Monochromacy



Original Color

83.6552, 87.5483, 95.7085

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.6081, 87.9622, 95.7909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.6552, 87.5483, 95.7085 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(242, 240, 241) looks like.

```
.text, #text, p{  
    color:rgb(242, 240, 241)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 240, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 240, 241) }
```

Border

The CSS property to change the border of an element to XYZ 83.6552, 87.5483, 95.7085 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 240, 241) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(242, 240, 241) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(242, 240, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 240, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 240, 241);  
box-shadow:4px 4px 4px 4px rgb(242, 240,  
241) }
```


Background

The CSS property to change the background color of an element to XYZ 83.6552, 87.5483, 95.7085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 240, 241) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
240, 241) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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