

Converting Colors

XYZ(87.6621, 89.7583, 96.1426)

Have a look what the booklet for
XYZ(87.6621, 89.7583, 96.1426)
contains.

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Color

**XYZ(87.5453, 89.5537,
95.8905)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF0F1
RGB	253, 240, 241
RGB Percent	99%, 94%, 95%
CMY	0.0078, 0.0588, 0.0549
CMYK	0.00, 0.05, 0.05, 0.01
HSL	355°, 76%, 97%
HSV	355°, 5%, 99%
XYZ	87.5453, 89.5537, 95.8905
YIQ	244.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

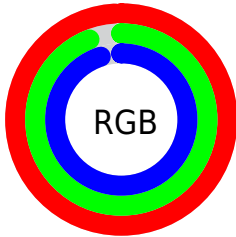
Format	Color
R _Y B	253, 240, 241
Decimal	16642289
CIE Lab	95.81, 4.54, 1.07
CIE LCh	96, 4.663, 13.296
Yxy	89.5537, 0.3207, 0.3280
Android (android.graphics.Color)	4294832369 (0xFFFD0F1)
YUV	244.0010, -1.4795, 7.8921
Hunter-Lab	94.6328, -0.4762, 6.1650

Details

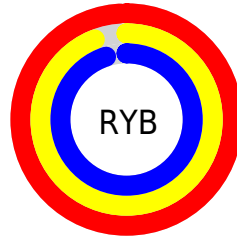
The XYZ color **87.5453, 89.5537, 95.8905** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.6346, 95.8064, 105.9213**, and the grayscale version is **85.9994, 90.4780, 98.5306**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6624, 49.5195, 52.8924** is the 20% darker color. If you saturate the color by 10%, you get **77.3419, 74.3772, 76.3627**, and if you desaturate by 10%, it is **94.3185, 99.6229, 108.8658**.

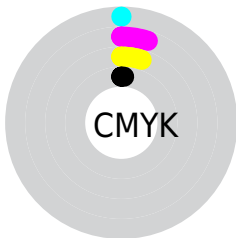
Distribution



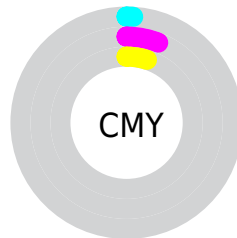
- Red (99%)
- Green (94%)
- Blue (95%)



- Red (99%)
- Yellow (94%)
- Blue (95%)



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





- Cyan (1%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.5453, 89.5537, 95.8905 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 87.5453, 89.5537, 95.8905 by changing the saturation by 10% instead.


 87.5453, 89.5537,
95.8905

 87.5453, 89.5537,
95.8905


508.3707,
526.5780, 568.0689

 66.2761, 67.6105,
72.2754


142.8197,
146.7183, 157.5004

 48.7651, 49.5810,
52.8955


177.5557,
182.7085, 196.3323

 34.6469, 35.0806,
37.3322


217.5112,
224.1499, 241.0736

 23.5563, 23.7249,
25.1670

263.0517,
271.4269, 292.1427

 15.1277, 15.1297,
15.9813

314.5426,
324.9238, 349.9583

 8.9960, 8.9105,
9.3567

372.3492,

 4.7957, 4.6828,

385.0250, 414.9388

4.8746

436.8368,
452.1149, 487.5028

■ 2.1614, 2.0624,
2.1164

■ 0.7223, 0.6434,
0.6255

■ 87.5453, 89.5537,
95.8905

■ 87.5453, 89.5537,
95.8905

■ 77.3419, 74.3772,
76.3627

94.3185, 99.6229,
108.8658

■ 68.5624, 61.3604,
59.4329

■ 61.1456, 50.4087,
44.9933

■ 55.0231, 41.4159,
32.9264

■ 50.1205, 34.2663,
23.1051

■ 46.3558, 28.8324,
15.3904

■ 43.6370, 24.9699,
9.6280

■ 41.8575, 22.5114,
5.6422

■ 40.8877, 21.2509,
3.2256

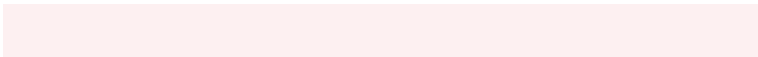
Harmonies

Analogous

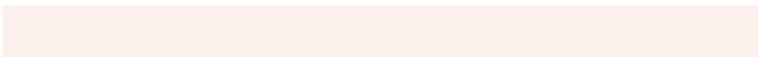
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.5065, 89.5537, 99.5568



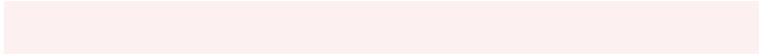
87.5453, 89.5537, 95.8905



86.9290, 89.5537, 92.7364

Triad

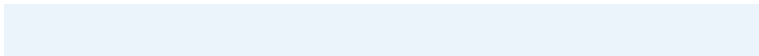
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.5453, 89.5537, 95.8905



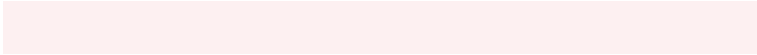
83.4350, 89.5537, 92.4489



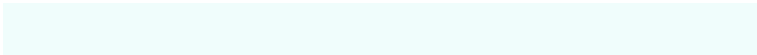
84.4099, 89.5537, 104.4443

Complementary

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



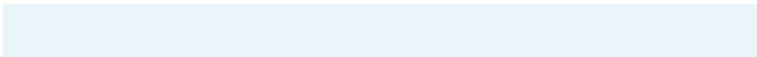
87.5453, 89.5537, 95.8905



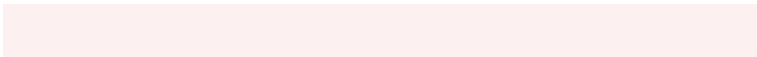
88.6346, 95.8064, 105.9213

Split Complementary

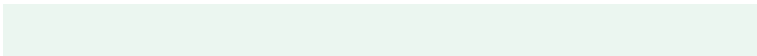
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.3325, 89.5537, 102.4421



87.5453, 89.5537, 95.8905



82.7735, 89.5537, 95.4890

Square

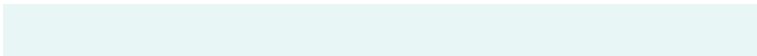
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.5453, 89.5537, 95.8905



84.5512, 89.5537, 90.7833



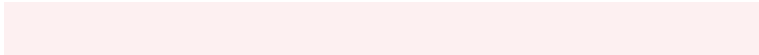
82.7362, 89.5537, 99.1451



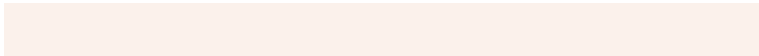
85.6876, 89.5537, 104.5584

Rectangle

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



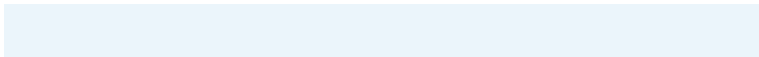
87.5453, 89.5537, 95.8905



86.2332, 89.5537, 91.3232



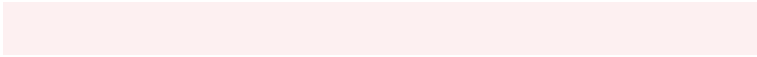
82.7362, 89.5537, 99.1451



84.0126, 89.5537, 103.9675

Sweetspot

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



87.5478, 89.5576, 95.8924



92.6955, 96.4895, 104.4204



89.0071, 90.0959, 105.6288



19.8653, 20.6895, 22.3972



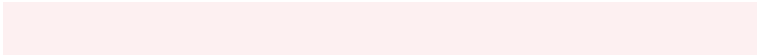
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

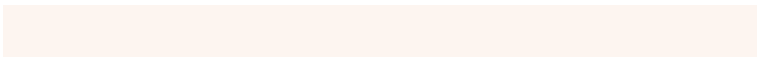
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.5478, 89.5576, 95.8924



88.1699, 89.7469, 95.7949



89.0175, 92.7343, 95.6505



18.7188, 18.9814, 20.2115



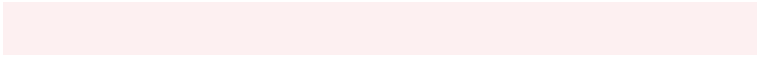
21.6326, 11.1423, 1.4496



2.1249, 1.0923, 0.2391

Inverse Universe

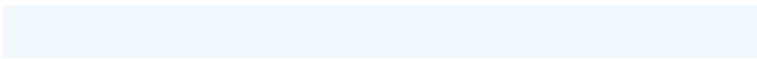
The Inverse Universe completely reimagines the original color for something new.



87.5478, 89.5576, 95.8924



88.1699, 89.7469, 95.7949



87.1075, 92.4992, 106.1928



18.7188, 18.9814, 20.2115



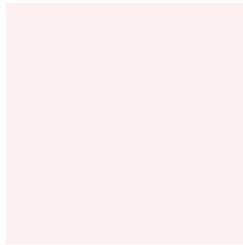
21.6326, 11.1423, 1.4496



2.1249, 1.0923, 0.2391

Previews

White Background



This preview shows how the XYZ color 87.5453, 89.5537, 95.8905 looks on a white background.

Color Contrast Check

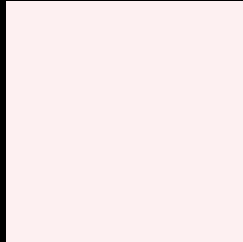
Large Text (above 18pt) WCAG AA × Fail

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 87.5453, 89.5537, 95.8905 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

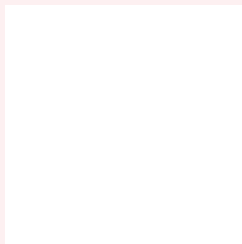
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.5453, 89.5537, 95.8905

Background



This preview shows how black text looks on a background with the XYZ color 87.5453, 89.5537, 95.8905.



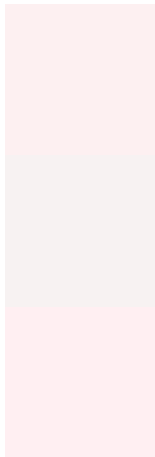
This preview shows how white text looks on a background with the XYZ color 87.5453, 89.5537,

95.805.

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

87.5453, 89.5537, 95.8905

Protanopia

86.1369, 89.6892, 96.7762

Deuteranopia

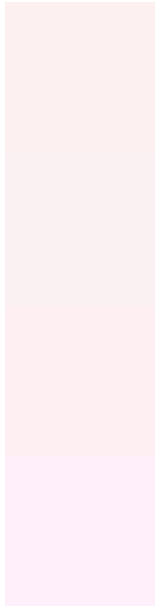
88.1335, 89.4038, 96.6159



Tritanopia

89.4976, 89.4399, 107.1543

Trichromacy



Original Color

87.5453, 89.5537, 95.8905

Protanomaly

86.5492, 89.4611, 96.7105

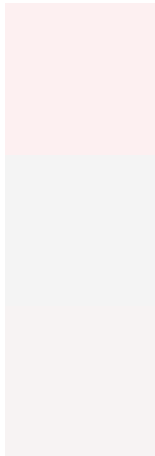
Deuteranomaly

87.7666, 89.2146, 96.5988

Tritanomaly

88.9949, 89.7060, 103.0669

Monochromacy



Original Color

87.5453, 89.5537, 95.8905

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.5860, 90.3464, 97.6690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.5453, 89.5537, 95.8905 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(253, 240, 241)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 240, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 240, 241) }
```

Border

The CSS property to change the border of an element to XYZ 87.5453, 89.5537, 95.8905 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(253, 240, 241) }
```


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

```
.border{ border-color:rgb(253, 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(253, 240, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 240, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 240, 241);  
box-shadow:4px 4px 4px 4px rgb(253, 240,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 87.5453, 89.5537, 95.8905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 240, 241) }
```

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

```
.background{ background-color: rgb(253,  
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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