

Converting Colors

XYZ(82.8001, 86.5007, 93.0912)

Have a look what the booklet for
XYZ(82.8001, 86.5007, 93.0912)
contains.

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Color

**XYZ(82.6251, 86.1994,
93.1723)**

Conversions

Conversions Part 1

Format	Color
Hex	F2EEEE
RGB	242, 238, 238
RGB Percent	95%, 93%, 93%
CMY	0.0510, 0.0666, 0.0667
CMYK	0.00, 0.02, 0.02, 0.05
HSL	0°, 13%, 94%
HSV	0°, 2%, 95%
XYZ	82.6251, 86.1994, 93.1723
YIQ	239.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

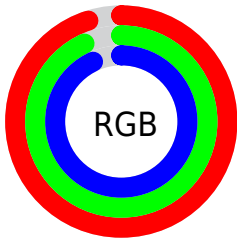
Format	Color
R _Y B	242, 238, 238
Decimal	15920878
CIE Lab	94.40, 1.34, 0.46
CIE LCh	94, 1.420, 19.059
Yxy	86.1994, 0.3154, 0.3290
Android (android.graphics.Color)	4294110958 (0xFF2E0000)
YUV	239.1960, -0.5896, 2.4591
Hunter-Lab	92.8436, -3.6224, 5.4907

Details

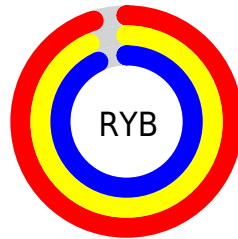
The XYZ color **82.6251, 86.1994, 93.1723** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.0390, 88.0910, 96.6321**, and the grayscale version is **82.2020, 86.4829, 94.1799**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4211, 47.2724, 50.9865** is the 20% darker color. If you saturate the color by 10%, you get **72.7344, 71.7299, 73.4973**, and if you desaturate by 10%, it is **90.4284, 97.6175, 108.6837**.

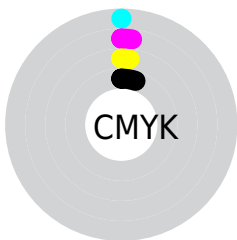
Distribution



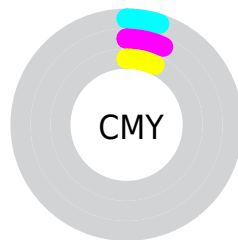
- Red (95%)
- Green (93%)
- Blue (93%)



- Red (95%)
- Yellow (93%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6251, 86.1994, 93.1723 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 82.6251, 86.1994, 93.1723 by changing the saturation by 10% instead.

82.6251, 86.1994,
93.1723

82.6251, 86.1994,
93.1723

492.3391,
515.5885, 559.1313

62.1968, 64.8329,
70.0263

135.9815,
142.0477, 153.7109

45.4479, 47.3256,
51.0710

169.6403,
177.2983, 191.9406

32.0132, 33.2931,
35.8880

208.4400,
217.9457, 236.0351

21.5272, 22.3511,
24.0587

252.7459,
264.3743, 286.4132

13.6245, 14.1151,
15.1646

302.9235,
316.9684, 343.4933

7.9399, 8.2008,
8.7871

359.3379,

4.1080, 4.2237,

376.1126, 407.6940

4.5076

422.3547,
442.1911, 479.4338

■ 1.7634, 1.7995,
1.9078

■ 0.4955, 0.4868,
0.4977

■ 82.6251, 86.1994,
93.1723

■ 82.6251, 86.1994,
93.1723

■ 72.7344, 71.7299,
73.4973

■ 90.4284, 97.6175,
108.6837

■ 64.2081, 59.2557,
56.5405

■ 56.9885, 48.6927,
42.1841

■ 51.0111, 39.9465,
30.2997

■ 46.2058, 32.9148,
20.7478

■ 42.4958, 27.4851,
13.3751

■ 39.7949, 23.5314,
8.0101

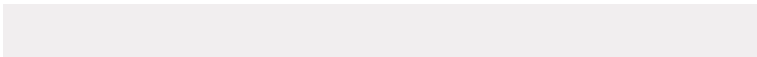
■ 38.0040, 20.9091,
4.4554

■ 37.0043, 19.4443,
2.4740

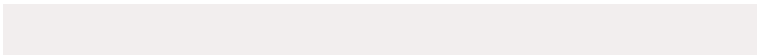
Harmonies

Analogous

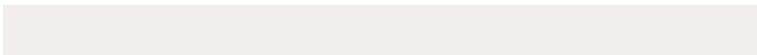
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6521, 86.1994, 94.2557



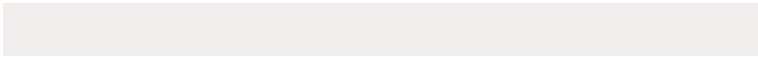
82.6251, 86.1994, 93.1723



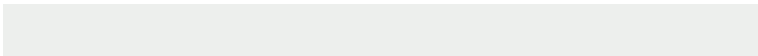
82.4115, 86.1994, 92.2788

Triad

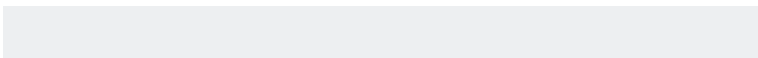
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6251, 86.1994, 93.1723



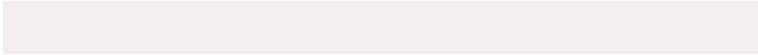
81.3772, 86.1994, 92.4868



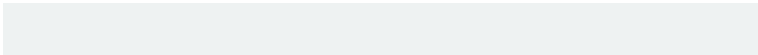
81.7908, 86.1994, 95.9339

Complementary

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



82.6251, 86.1994, 93.1723



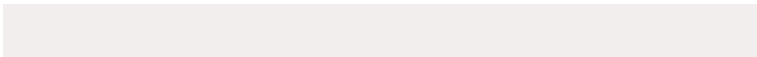
83.0390, 88.0910, 96.6321

Split Complementary

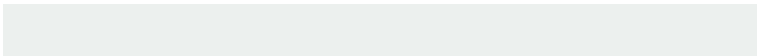
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.4503, 86.1994, 95.4521



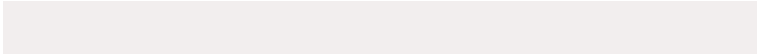
82.6251, 86.1994, 93.1723



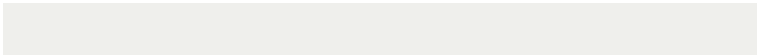
81.2120, 86.1994, 93.4584

Square

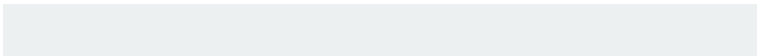
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



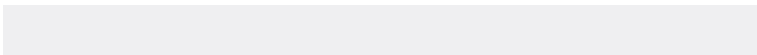
82.6251, 86.1994, 93.1723



81.6907, 86.1994, 91.8852



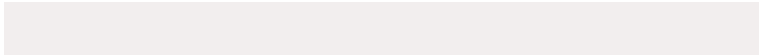
81.2387, 86.1994, 94.5440



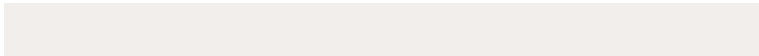
82.1697, 86.1994, 95.8558

Rectangle

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



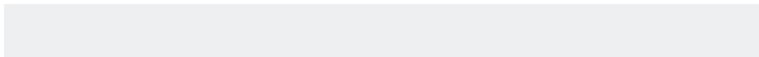
82.6251, 86.1994, 93.1723



82.1923, 86.1994, 91.9085



81.2387, 86.1994, 94.5440



81.6681, 86.1994, 95.8319

Sweetspot

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



82.6275, 86.2031, 93.1742

95.0500, 100.0000, 108.9000



83.2207, 86.4385, 96.3036



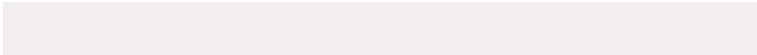
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

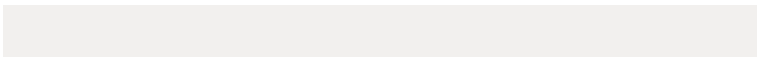
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6275, 86.2031, 93.1742



92.6358, 96.4682, 104.0981



83.2118, 87.3717, 93.3689



17.3770, 18.1064, 19.5486



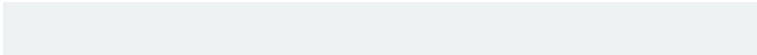
19.6735, 10.1451, 0.9213



1.6371, 0.8449, 0.0768

Inverse Universe

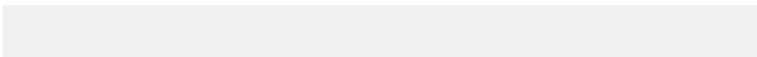
The Inverse Universe completely reimagines the original color for something new.



83.0390, 88.0910, 96.6321



93.1968, 99.0422, 108.8128



82.4482, 86.9094, 96.4352



17.4764, 18.5621, 20.3833



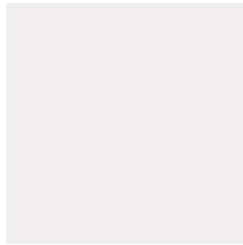
25.6281, 37.4804, 51.0116



2.1325, 3.1189, 4.2438

Previews

White Background



This preview shows how the XYZ color 82.6251, 86.1994, 93.1723 looks on a white background.

Color Contrast Check

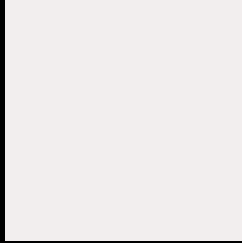
Large Text (above 18pt) WCAG AA × Fail

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 82.6251, 86.1994, 93.1723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

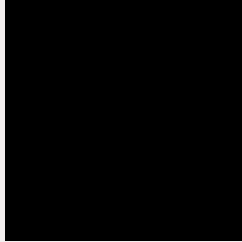
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

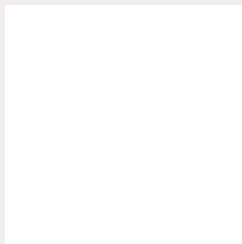
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6251, 86.1994, 93.1723

Background



This preview shows how black text looks on a background with the XYZ color 82.6251, 86.1994, 93.1723.



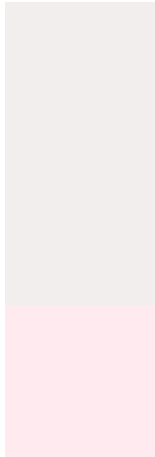
This preview shows how white text looks on a background with the XYZ color 82.6251, 86.1994,

93.1/23.

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

82.6251, 86.1994, 93.1723

Protanopia

82.9693, 86.3768, 93.1884

Deuteranopia

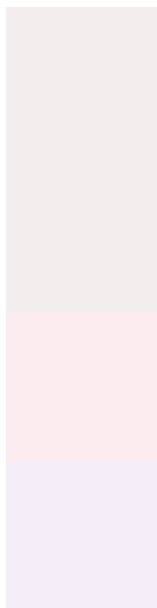
86.2428, 86.3376, 93.7807



Tritanopia

85.1931, 86.3798, 105.9487

Trichromacy



Original Color

82.6251, 86.1994, 93.1723

Protanomaly

82.9693, 86.3768, 93.1884

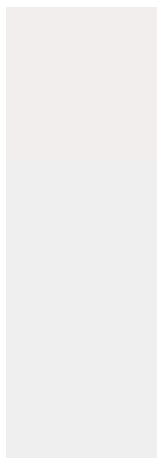
Deuteranomaly

84.7127, 85.9727, 93.7909

Tritanomaly

84.1896, 86.4004, 101.0466

Monochromacy



Original Color

82.6251, 86.1994, 93.1723

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.3817, 86.4903, 94.0137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6251, 86.1994, 93.1723 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, 238, 238) looks like.

```
.text, #text, p{  
    color:rgb(242, 238, 238)  
}
```

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, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 238, 238) }
```

Border

The CSS property to change the border of an element to XYZ 82.6251, 86.1994, 93.1723 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, 238, 238) }
```

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

```
.border{ border-color:rgb(242, 238, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 238, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 238, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 238, 238);  
box-shadow:4px 4px 4px 4px rgb(242, 238,  
238) }
```


Background

The CSS property to change the background color of an element to XYZ 82.6251, 86.1994, 93.1723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 238, 238) }
```

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

```
.background{ background-color: rgb(242,  
238, 238) }
```

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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