

Converting Colors

XYZ(82.7887, 86.9922, 95.5342)

Have a look what the booklet for
XYZ(82.7887, 86.9922, 95.5342)
contains.

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Color

**XYZ(82.9725, 87.1963,
95.6765)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F0F1
RGB	240, 240, 241
RGB Percent	94%, 94%, 95%
CMY	0.0588, 0.0588, 0.0549
CMYK	0.00, 0.00, 0.00, 0.05
HSL	240°, 3%, 94%
HSV	240°, 0%, 95%
XYZ	82.9725, 87.1963, 95.6765
YIQ	240.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

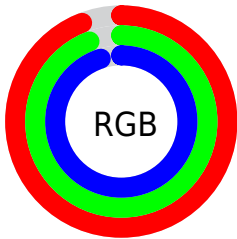
Format	Color
R _Y B	240, 240, 241
Decimal	15790321
CIE Lab	94.82, 0.18, -0.49
CIE LCh	95, 0.524, 290.372
Yxy	87.1963, 0.3121, 0.3280
Android (android.graphics.Color)	4293980401 (0xFFFF0F0F1)
YUV	240.1140, 0.4368, -0.1000
Hunter-Lab	93.3790, -4.8058, 4.6165

Details

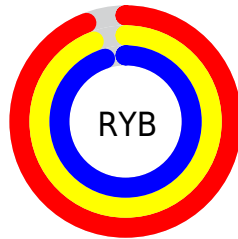
The XYZ color **82.9725, 87.1963, 95.6765** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.4593, 87.9018, 95.0075**, and the grayscale version is **82.9127, 87.2306, 94.9942**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6646, 47.9741, 52.7521** is the 20% darker color. If you saturate the color by 10%, you get **68.7223, 70.0449, 93.1183**, and if you desaturate by 10%, it is **92.8774, 99.1310, 97.4594**.

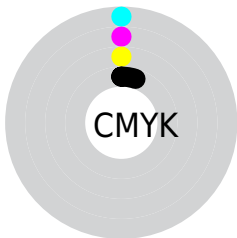
Distribution



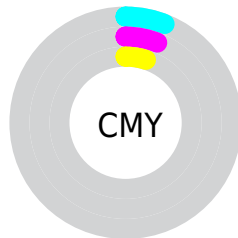
- Red (94%)
- Green (94%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9725, 87.1963, 95.6765 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 82.9725, 87.1963, 95.6765 by changing the saturation by 10% instead.

82.9725, 87.1963,
95.6765

82.9725, 87.1963,
95.6765

493.4802,
518.8677, 567.3680

62.4843, 65.6577,
72.0982

136.4657,
143.4377, 157.2025

45.6812, 47.9946,
52.7515

170.2013,
178.9093, 195.9872

32.1979, 33.8226,
37.2181

209.0836,
219.7940, 240.6778

21.6690, 22.7573,
25.0793

253.4777,
266.4761, 291.6929

13.7291, 14.4144,
15.9166

303.7490,
319.3402, 349.4509

8.0129, 8.4095,
9.3114

360.2630,

4.1551, 4.3581,

378.7706, 414.3704

4.8453

423.3849,
445.1516, 486.8699

■ 1.7903, 1.8758,
2.0996

■ 0.5118, 0.5338,
0.6155

■ 82.9725, 87.1963,
95.6765

■ 82.9725, 87.1963,
95.6765

■ 68.7223, 70.0449,
93.1183

■ 92.8774, 99.1310,
97.4594

■ 56.4123, 55.2253,
90.9067

■ 45.9610, 42.6403,
89.0284

■ 37.2781, 32.1816,
87.4673

■ 30.2658, 23.7318,
86.2059

■ 24.8169, 17.1622,
85.2250

■ 20.8117, 12.3292,
84.5032

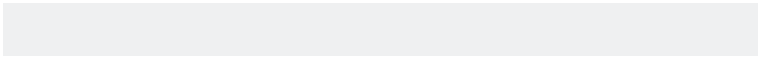
■ 18.1132, 9.0685,
84.0161

■ 16.5581, 7.1845,
83.7344

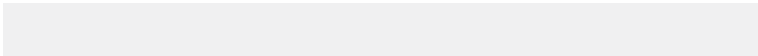
Harmonies

Analogous

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



82.8318, 87.1963, 95.7146



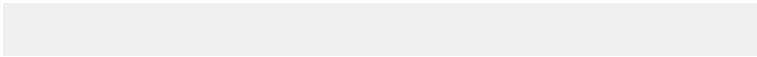
82.9725, 87.1963, 95.6765



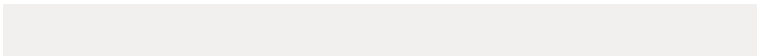
83.0878, 87.1963, 95.4413

Triad

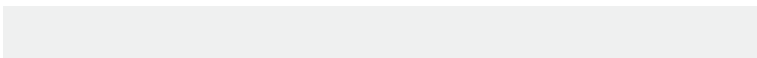
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9725, 87.1963, 95.6765



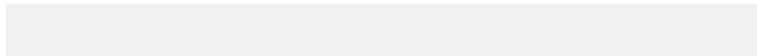
83.0516, 87.1963, 94.3413



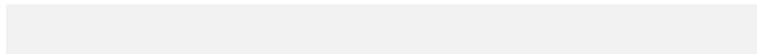
82.6087, 87.1963, 94.8113

Complementary

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



82.9725, 87.1963, 95.6765



83.4593, 87.9018, 95.0075

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.



82.6675, 87.1963, 94.4443



82.9725, 87.1963, 95.6765



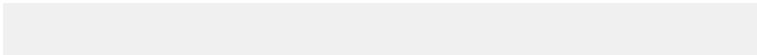
82.9231, 87.1963, 94.1735

Square

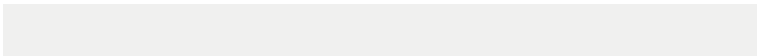
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



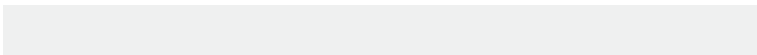
82.9725, 87.1963, 95.6765



83.1336, 87.1963, 94.6701



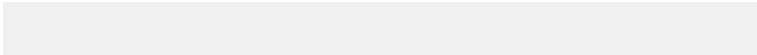
82.7825, 87.1963, 94.2112



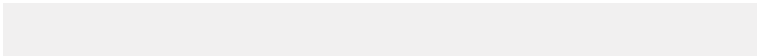
82.6219, 87.1963, 95.2143

Rectangle

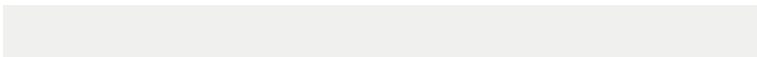
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



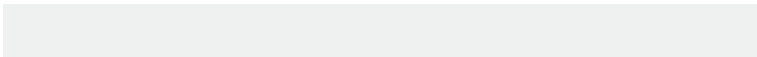
82.9725, 87.1963, 95.6765



83.1348, 87.1963, 95.2047



82.7825, 87.1963, 94.2112



82.6207, 87.1963, 94.6797

Sweetspot

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



82.9750, 87.2000, 95.6784

95.0500, 100.0000, 108.9000



83.2665, 87.7871, 95.7633



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

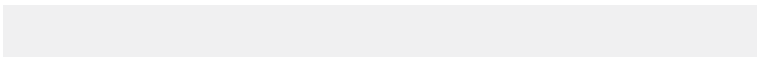
Same Dimension

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



82.9750, 87.2000, 95.6784

95.0500, 100.0000, 108.9000



83.1381, 87.2825, 95.6857



17.8044, 18.7317, 20.3988



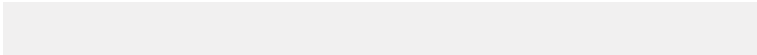
8.6174, 3.4590, 45.3413



0.7186, 0.2911, 3.7725

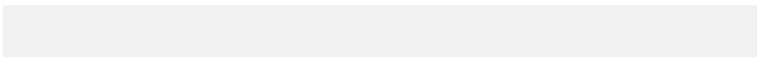
Inverse Universe

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



83.1658, 87.3139, 94.9124

95.0500, 100.0000, 108.9000



83.2957, 87.8191, 95.0001



17.8044, 18.7317, 20.3988



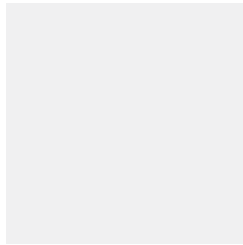
19.6753, 10.1425, 0.9406



1.6376, 0.8441, 0.0827

Previews

White Background



This preview shows how the XYZ color 82.9725, 87.1963, 95.6765 looks on a white background.

Color Contrast Check

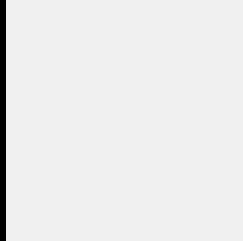
Large Text (above 18pt) WCAG AA × Fail

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 82.9725, 87.1963, 95.6765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

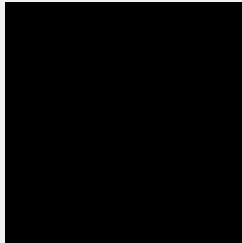
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

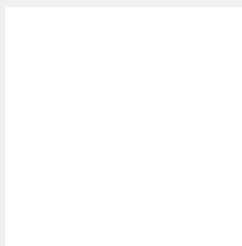
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.9725, 87.1963, 95.6765

Background



This preview shows how black text looks on a background with the XYZ color 82.9725, 87.1963, 95.6765.



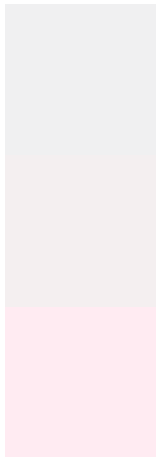
This preview shows how white text looks on a background with the XYZ color 82.9725, 87.1963,

95.6 / 65.

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

82.9725, 87.1963, 95.6765

Protanopia

83.9029, 87.2574, 94.8583

Deuteranopia

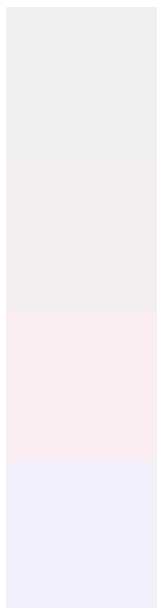
86.9753, 87.0875, 96.2299



Tritanopia

85.2425, 87.2463, 106.9552

Trichromacy



Original Color

82.9725, 87.1963, 95.6765

Protanomaly

83.5568, 87.0790, 94.8421

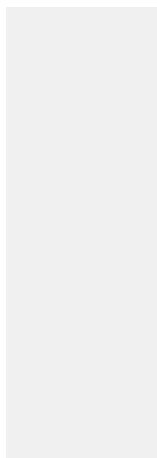
Deuteranomaly

85.7355, 87.3032, 96.3368

Tritanomaly

84.3974, 87.3359, 102.8518

Monochromacy



Original Color

82.9725, 87.1963, 95.6765

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.8234, 87.1367, 94.8919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9725, 87.1963, 95.6765 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(240, 240, 241) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 82.9725, 87.1963, 95.6765 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(240, 240, 241) }
```

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

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

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


Background

The CSS property to change the background color of an element to XYZ 82.9725, 87.1963, 95.6765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(240,  
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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