

Converting Colors

XYZ(83.1566, 86.8099, 95.3970)

Have a look what the booklet for
XYZ(83.1566, 86.8099, 95.3970)
contains.

XYZ(83.3616, 86.9611, 95.6106)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(83.3616, 86.9611,
95.6106)**

Conversions

Conversions Part 1

Format	Color
Hex	F2EFF1
RGB	242, 239, 241
RGB Percent	95%, 94%, 95%
CMY	0.0510, 0.0627, 0.0549
CMYK	0.00, 0.01, 0.00, 0.05
HSL	320°, 10%, 94%
HSV	320°, 1%, 95%
XYZ	83.3616, 86.9611, 95.6106
YIQ	240.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

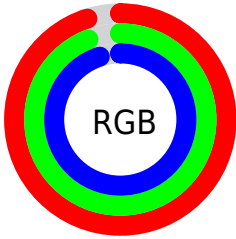
Format	Color
R _Y B	242, 239, 241
Decimal	15921137
CIE Lab	94.72, 1.36, -0.62
CIE LCh	95, 1.493, 335.483
Yxy	86.9611, 0.3135, 0.3270
Android (android.graphics.Color)	4294111217 (0xFF2EFF1)
YUV	240.1250, 0.4314, 1.6444
Hunter-Lab	93.2529, -3.6261, 4.4881

Details

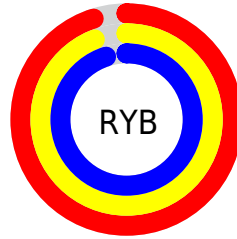
The XYZ color **83.3616, 86.9611, 95.6106** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.0801, 88.1485, 95.0780**, and the grayscale version is **82.9205, 87.2388, 95.0031**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9401, 47.8089, 52.7057** is the 20% darker color. If you saturate the color by 10%, you get **75.5666, 73.2583, 87.1917**, and if you desaturate by 10%, it is **89.4896, 97.2420, 103.7399**.

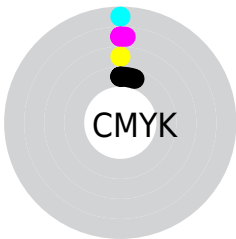
Distribution



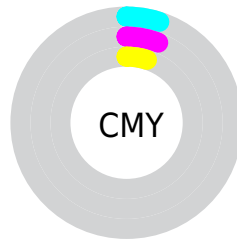
- Red (95%)
- Green (94%)
- Blue (95%)



- 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 83.3616, 86.9611, 95.6106 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 83.3616, 86.9611, 95.6106 by changing the saturation by 10% instead.

83.3616, 86.9611,
95.6106

83.3616, 86.9611,
95.6106

494.7566,
518.0950, 567.1521

62.8064, 65.4630,
72.0436

137.0077,
143.1099, 157.1107

45.9427, 47.8366,
52.7072

170.8293,
178.5294, 195.8809

32.4050, 33.6975,
37.1830

209.8038,
219.3582, 240.5559

21.8281, 22.6613,
25.0523

254.2965,
265.9807, 291.5543

13.8465, 14.3436,
15.8966

304.6728,
318.7812, 349.2946

8.0950, 8.3601,
9.2975

361.2980,

4.2081, 4.3262,

378.1442, 414.1953

4.8363

424.5374,
444.4540, 486.6749

■ 1.8205, 1.8577,
2.0945

■ 0.5300, 0.5227,
0.6125

■ 83.3616, 86.9611,
95.6106

■ 83.3616, 86.9611,
95.6106

■ 75.5666, 73.2583,
87.1917

■ 89.4896, 97.2420,
103.7399

■ 68.7331, 61.3952,
79.3529

■ 90.4285, 97.6175,
108.6837

■ 62.8230, 51.2953,
72.0790

■ 57.7927, 42.8729,
65.3519

■ 53.5950, 36.0346,
59.1525

■ 50.1781, 30.6780,
53.4596

■ 47.4842, 26.6886,
48.2504

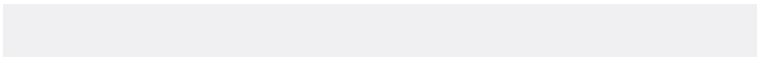
■ 45.4470, 23.9351,
43.4988

■ 43.9870, 22.2600,
39.1745

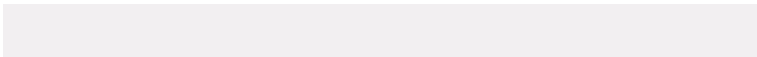
Harmonies

Analogous

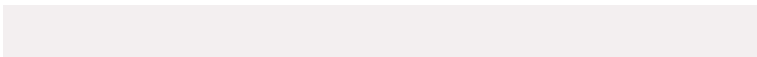
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1049, 86.9611, 96.5062



83.3616, 86.9611, 95.6106



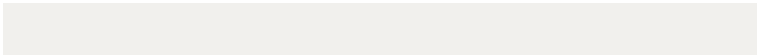
83.4284, 86.9611, 94.4738

Triad

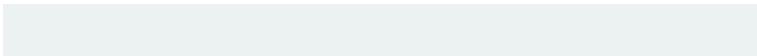
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.3616, 86.9611, 95.6106



82.5798, 86.9611, 92.4919



82.0240, 86.9611, 95.9811

Complementary

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



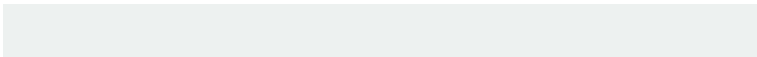
83.3616, 86.9611, 95.6106



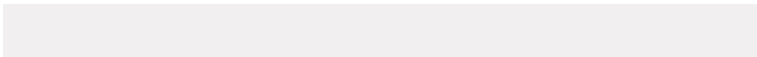
83.0801, 88.1485, 95.0780

Split Complementary

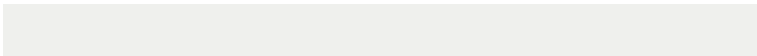
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8843, 86.9611, 94.8983



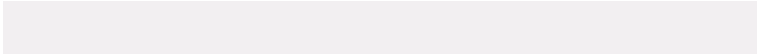
83.3616, 86.9611, 95.6106



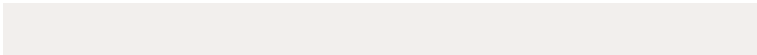
82.2045, 86.9611, 92.8886

Square

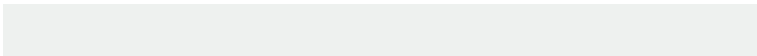
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.3616, 86.9611, 95.6106



82.9762, 86.9611, 92.6792



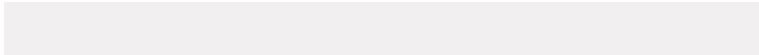
81.9502, 86.9611, 93.7671



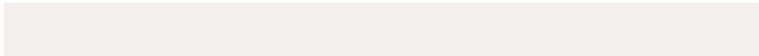
82.3325, 86.9611, 96.7213

Rectangle

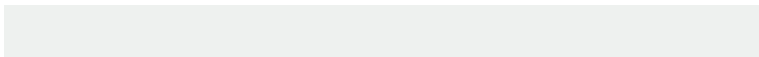
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



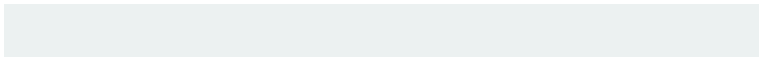
83.3616, 86.9611, 95.6106



83.3560, 86.9611, 93.7334



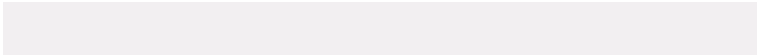
81.9502, 86.9611, 93.7671



81.9557, 86.9611, 95.6448

Sweetspot

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



83.3641, 86.9648, 95.6125

95.0500, 100.0000, 108.9000



82.8321, 86.6733, 96.3695



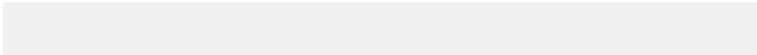
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

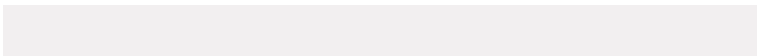
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.3641, 86.9648, 95.6125



94.1051, 98.3291, 107.9105



83.1414, 86.8758, 94.4398



17.6372, 18.4359, 20.2237



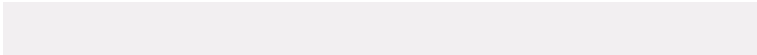
23.2043, 11.5541, 19.5240



1.9763, 0.9796, 1.8663

Inverse Universe

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



83.3641, 86.9648, 95.6125



94.1051, 98.3291, 107.9105



83.3034, 88.2378, 96.2540



17.6372, 18.4359, 20.2237



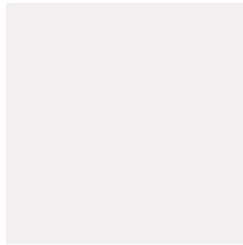
23.2043, 11.5541, 19.5240



1.9763, 0.9796, 1.8663

Previews

White Background



This preview shows how the XYZ color 83.3616, 86.9611, 95.6106 looks on a white background.

Color Contrast Check

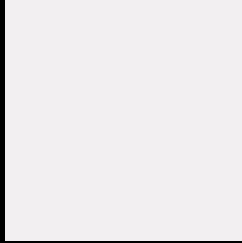
Large Text (above 18pt) WCAG AA × Fail

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 83.3616, 86.9611, 95.6106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

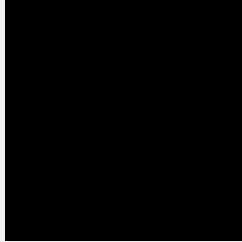
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

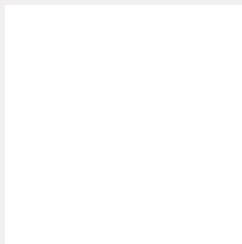
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.3616, 86.9611, 95.6106

Background



This preview shows how black text looks on a background with the XYZ color 83.3616, 86.9611, 95.6106.



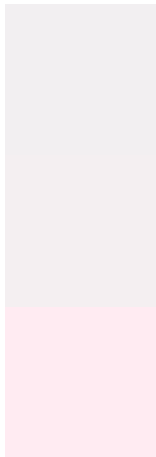
This preview shows how white text looks on a background with the XYZ color 83.3616, 86.9611, 95.6106.

95.6 06.

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

83.3616, 86.9611, 95.6106

Protanopia

84.0519, 87.3170, 95.6429

Deuteranopia

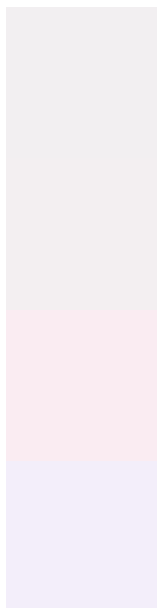
86.9753, 87.0875, 96.2299



Tritanopia

85.6424, 87.0215, 106.8907

Trichromacy



Original Color

83.3616, 86.9611, 95.6106

Protanomaly

83.7058, 87.1386, 95.6267

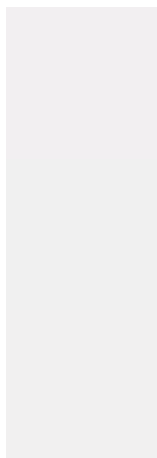
Deuteranomaly

85.4468, 86.7257, 96.2406

Tritanomaly

84.7920, 87.1059, 102.7866

Monochromacy



Original Color

83.3616, 86.9611, 95.6106

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.1639, 87.3122, 94.9078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3616, 86.9611, 95.6106 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, 239, 241) looks like.

```
.text, #text, p{  
    color:rgb(242, 239, 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, 239, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 239, 241) }
```

Border

The CSS property to change the border of an element to XYZ 83.3616, 86.9611, 95.6106 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, 239, 241) }
```

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

```
.border{ border-color:rgb(242, 239, 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, 239, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 239, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 239, 241);  
box-shadow:4px 4px 4px 4px rgb(242, 239,  
241) }
```


Background

The CSS property to change the background color of an element to XYZ 83.3616, 86.9611, 95.6106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 239, 241) }
```

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

```
.background{ background-color: rgb(242,  
239, 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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