

Converting Colors

XYZ(83.6799, 84.9214, 97.0247)

Have a look what the booklet for
XYZ(83.6799, 84.9214, 97.0247)
contains.

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Color

**XYZ(83.6065, 84.9095,
96.7767)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EAF3
RGB	246, 234, 243
RGB Percent	96%, 92%, 95%
CMY	0.0353, 0.0823, 0.0471
CMYK	0.00, 0.05, 0.01, 0.04
HSL	315°, 40%, 94%
HSV	315°, 5%, 96%
XYZ	83.6065, 84.9095, 96.7767
YIQ	238.6140, 4.2630, 5.3430

Conversions

Conversions Part 2

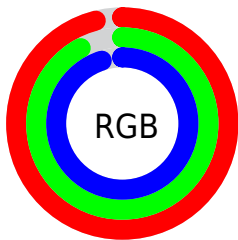
Format	Color
R _{YB}	246, 234, 243
Decimal	16182003
CIE Lab	93.84, 5.61, -2.91
CIE LCh	94, 6.318, 332.596
Yxy	84.9095, 0.3151, 0.3201
Android (android.graphics.Color)	4294372083 (0xFFFF6EAF3)
YUV	238.6140, 2.1623, 6.4775
Hunter-Lab	92.1464, 0.7010, 2.2331

Details

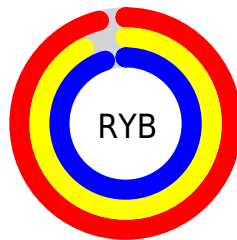
The XYZ color **83.6065, 84.9095, 96.7767** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.1767, 89.5206, 93.0731**, and the grayscale version is **81.7275, 85.9837, 93.6363**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.1252, 46.3758, 53.5341** is the 20% darker color. If you saturate the color by 10%, you get **76.1708, 71.4990, 89.7917**, and if you desaturate by 10%, it is **90.8894, 97.9622, 103.8664**.

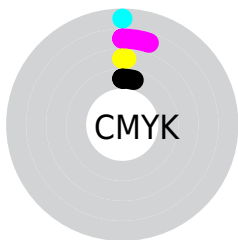
Distribution



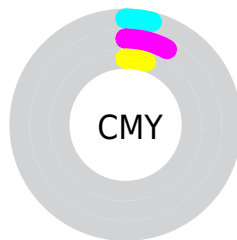
- Red (96%)
- Green (92%)
- Blue (95%)



- Red (96%)
- Yellow (92%)
- Blue (95%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.6065, 84.9095, 96.7767 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 83.6065, 84.9095, 96.7767 by changing the saturation by 10% instead.

83.6065, 84.9095,
96.7767

83.6065, 84.9095,
96.7767

495.5590,
511.3286, 570.9664

63.0092, 63.7666,
73.0096

137.3487,
140.2467, 158.7335

46.1073, 46.4617,
53.4919

171.2243,
175.2098, 197.7603

32.5355, 32.6103,
37.8052

210.2568,
215.5485, 242.7108

21.9284, 21.8281,
25.5309

254.8115,
261.6471, 294.0034

13.9206, 13.7306,
16.2504

305.2536,
313.8900, 352.0567

8.1468, 7.9335,
9.5452

361.9487,

4.2416, 4.0525,

372.6616, 417.2893

4.9969

425.2621,
438.3463, 490.1197

■ 1.8397, 1.7029,
2.1867

■ 0.5414, 0.4256,
0.6667

■ 83.6065, 84.9095,
96.7767

■ 83.6065, 84.9095,
96.7767

■ 76.1708, 71.4990,
89.7917

■ 90.8894, 97.9622,
103.8664

■ 69.6960, 59.9621,
83.2782

■ 91.8166, 98.3331,
108.7487

■ 64.1417, 50.2174,
77.2221

■ 59.4617, 42.1730,
71.6065

■ 55.6058, 35.7288,
66.4131

■ 52.5183, 30.7741,
61.6219

■ 50.1367, 27.1844,
57.2103

■ 48.3881, 24.8144,
53.1525

■ 47.1832, 23.4860,
49.4169

Harmonies

Analogous

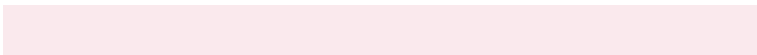
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4571, 84.9095, 100.4691



83.6065, 84.9095, 96.7767



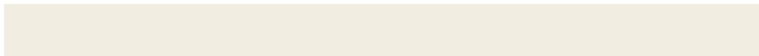
83.9749, 84.9095, 92.0335

Triad

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



83.6065, 84.9095, 96.7767



80.5577, 84.9095, 83.5128



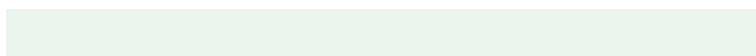
78.0123, 84.9095, 97.5271

Complementary

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



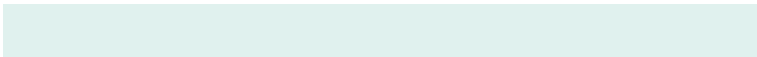
83.6065, 84.9095, 96.7767



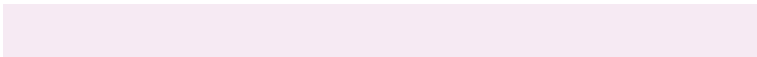
82.1767, 89.5206, 93.0731

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.



77.5191, 84.9095, 92.8718



83.6065, 84.9095, 96.7767



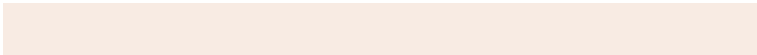
78.9758, 84.9095, 84.8732

Square

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



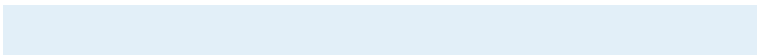
83.6065, 84.9095, 96.7767



82.2002, 84.9095, 84.4779



77.8693, 84.9095, 88.2581



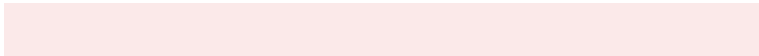
79.2259, 84.9095, 100.9128

Rectangle

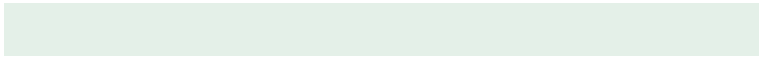
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.6065, 84.9095, 96.7767



83.7238, 84.9095, 88.9419



77.8693, 84.9095, 88.2581



77.7575, 84.9095, 96.0533

Sweetspot

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



83.6089, 84.9132, 96.7785



94.1394, 98.3428, 108.0908



80.9858, 83.5081, 99.0403



20.1593, 21.0669, 23.1444



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

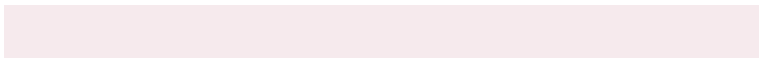
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.6089, 84.9132, 96.7785



89.7519, 90.3797, 104.1251



82.7178, 84.5567, 92.0857



17.4870, 17.5259, 20.3125



24.9902, 12.3395, 25.7205



2.2373, 1.1009, 2.4758

Inverse Universe

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



83.6089, 84.9132, 96.7785



89.7519, 90.3797, 104.1251



83.0678, 89.8771, 97.7659



17.4870, 17.5259, 20.3125



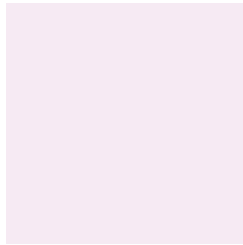
24.9902, 12.3395, 25.7205



2.2373, 1.1009, 2.4758

Previews

White Background



This preview shows how the XYZ color 83.6065, 84.9095, 96.7767 looks on a white background.

Color Contrast Check

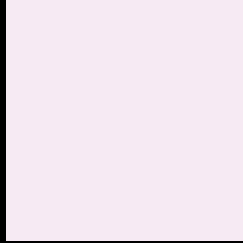
Large Text (above 18pt) WCAG AA × Fail

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 83.6065, 84.9095, 96.7767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

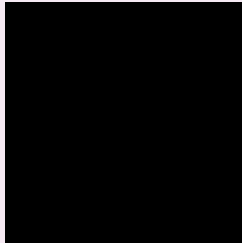
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

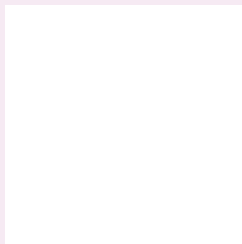
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.6065, 84.9095, 96.7767

Background



This preview shows how black text looks on a background with the XYZ color 83.6065, 84.9095, 96.7767.



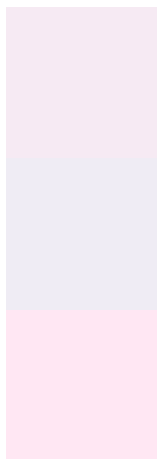
This preview shows how white text looks on a background with the XYZ color 83.6065, 84.9095,

96.7 67.

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

83.6065, 84.9095, 96.7767

Protanopia

81.9212, 84.8733, 97.6524

Deuteranopia

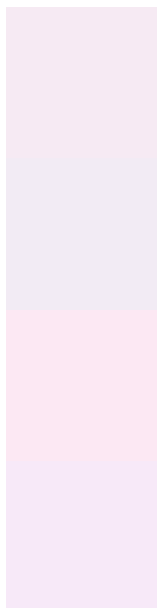
85.9936, 84.8829, 96.6457



Tritanopia

84.9093, 85.0170, 103.2015

Trichromacy



Original Color

83.6065, 84.9095, 96.7767

Protanomaly

82.6554, 84.8256, 97.6045

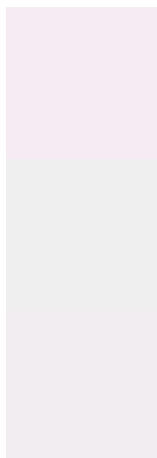
Deuteranomaly

85.1792, 84.8797, 96.6880

Tritanomaly

84.4400, 84.8293, 100.7302

Monochromacy



Original Color

83.6065, 84.9095, 96.7767

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.6303, 85.7369, 94.6319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.6065, 84.9095, 96.7767 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(246, 234, 243) looks like.

```
.text, #text, p{  
    color:rgb(246, 234, 243)  
}
```

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(246, 234, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 234, 243) }
```

Border

The CSS property to change the border of an element to XYZ 83.6065, 84.9095, 96.7767 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(246, 234, 243) }
```


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

```
.border{ border-color:rgb(246, 234, 243) }
```

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

Here you see how a box with a 4 pixel rgb(246, 234, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 234, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 234, 243);  
box-shadow:4px 4px 4px 4px rgb(246, 234,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 83.6065, 84.9095, 96.7767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 234, 243) }
```

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

```
.background{ background-color: rgb(246,  
234, 243) }
```

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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