

Converting Colors

XYZ(84.0827, 85.7259, 96.1301)

Have a look what the booklet for
XYZ(84.0827, 85.7259, 96.1301)
contains.

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Color

**XYZ(84.0931, 85.6016,
96.0950)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EBF2
RGB	247, 235, 242
RGB Percent	97%, 92%, 95%
CMY	0.0314, 0.0784, 0.0510
CMYK	0.00, 0.05, 0.02, 0.03
HSL	325°, 43%, 95%
HSV	325°, 5%, 97%
XYZ	84.0931, 85.6016, 96.0950
YIQ	239.3860, 4.9050, 4.7210

Conversions

Conversions Part 2

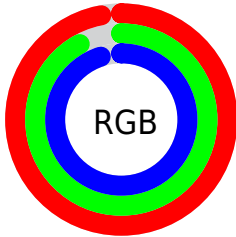
Format	Color
R _Y B	247, 235, 242
Decimal	16247794
CIE Lab	94.14, 5.25, -1.94
CIE LCh	94, 5.602, 339.711
Yxy	85.6016, 0.3164, 0.3221
Android (android.graphics.Color)	4294437874 (0xFFFF7EBF2)
YUV	239.3860, 1.2887, 6.6775
Hunter-Lab	92.5211, 0.3279, 3.1846

Details

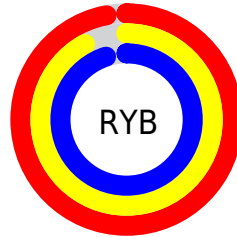
The XYZ color **84.0931, 85.6016, 96.0950** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.2531, 90.4772, 95.5184**, and the grayscale version is **82.3345, 86.6223, 94.3317**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4689, 46.8617, 53.0504** is the 20% darker color. If you saturate the color by 10%, you get **76.0042, 71.8282, 85.9839**, and if you desaturate by 10%, it is **91.7361, 98.3415, 106.4890**.

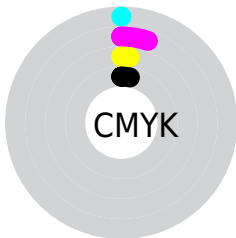
Distribution



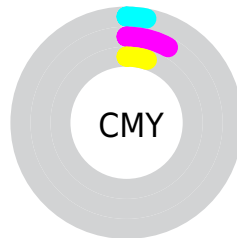
- Red (97%)
- Green (92%)
- Blue (95%)



- Red (97%)
- Yellow (92%)
- Blue (95%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.0931, 85.6016, 96.0950 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 84.0931, 85.6016, 96.0950 by changing the saturation by 10% instead.


 84.0931, 85.6016,
96.0950

 84.0931, 85.6016,
96.0950


497.1513,
513.6166, 568.7382

 63.4123, 64.3386,
72.4448


138.0260,
141.2134, 157.7851

 46.4347, 46.9250,
53.0330


172.0088,
176.3310, 196.6620

 32.7951, 32.9763,
37.4412


211.1562,
216.8355, 241.4516

 22.1280, 22.1083,
25.2508

255.8337,
263.1114, 292.5724

 14.0681, 13.9365,
16.0433

306.4066,
315.5431, 350.4429

 8.2501, 8.0765,
9.4001

363.2403,

 4.3085, 4.1440,

374.5149, 415.4817

4.9027

426.7001,
440.4113, 488.1073

■ 1.8781, 1.7544,
2.1326

■ 0.5641, 0.4585,
0.6350

■ 84.0931, 85.6016,
96.0950

■ 84.0931, 85.6016,
96.0950

■ 76.0042, 71.8282,
85.9839

■ 91.7361, 98.3415,
106.4890

■ 68.9402, 59.9687,
76.6359

■ 92.1683, 98.5144,
108.7651

■ 62.8591, 49.9401,
68.0309

■ 57.7130, 41.6492,
60.1454

■ 53.4499, 34.9946,
52.9548

■ 50.0125, 29.8640,
46.4319

■ 47.3363, 26.1309,
40.5473

■ 45.3463, 23.6484,
35.2678

■ 43.9509, 22.2358,
30.5542

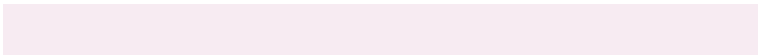
Harmonies

Analogous

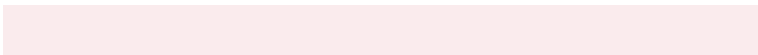
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2158, 85.6016, 99.6958



84.0931, 85.6016, 96.0950



84.2337, 85.6016, 91.8212

Triad

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



84.0931, 85.6016, 96.0950



80.8769, 85.6016, 85.3097



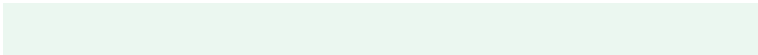
79.1663, 85.6016, 98.5755

Complementary

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



84.0931, 85.6016, 96.0950



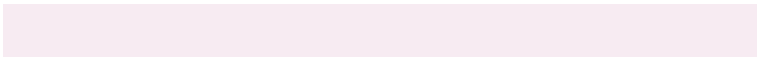
83.2531, 90.4772, 95.5184

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.



78.5559, 85.6016, 94.6039



84.0931, 85.6016, 96.0950



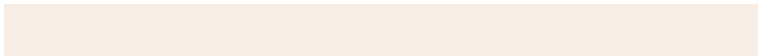
79.5355, 85.6016, 87.0034

Square

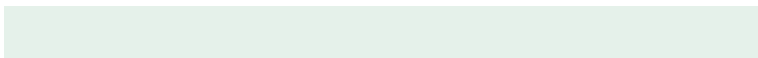
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



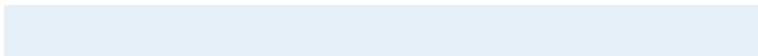
84.0931, 85.6016, 96.0950



82.3645, 85.6016, 85.6812



78.6902, 85.6016, 90.3747



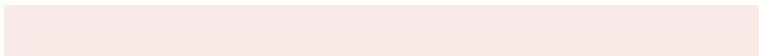
80.3672, 85.6016, 101.1581

Rectangle

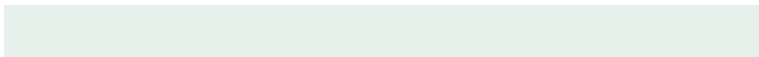
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.0931, 85.6016, 96.0950



83.8889, 85.6016, 89.1770



78.6902, 85.6016, 90.3747



78.8859, 85.6016, 97.3537

Sweetspot

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



84.0955, 85.6053, 96.0969



94.0712, 98.3155, 107.7319



82.4353, 84.6614, 99.9934



20.1454, 21.0613, 23.0714



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

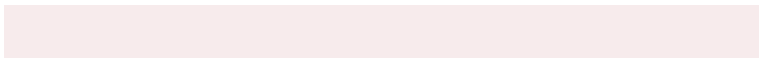
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0955, 85.6053, 96.0969



89.3520, 90.2197, 102.0193



83.2094, 85.2508, 91.4305



17.4007, 17.4914, 19.8580



23.0230, 11.5526, 15.3611



2.0746, 1.0358, 1.6195

Inverse Universe

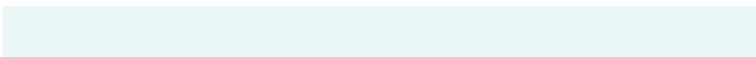
The Inverse Universe completely reimagines the original color for something new.



84.0955, 85.6053, 96.0969



89.3520, 90.2197, 102.0193



84.1589, 90.8395, 100.2884



17.4007, 17.4914, 19.8580



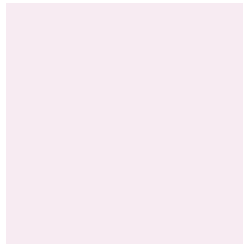
23.0230, 11.5526, 15.3611



2.0746, 1.0358, 1.6195

Previews

White Background



This preview shows how the XYZ color 84.0931, 85.6016, 96.0950 looks on a white background.

Color Contrast Check

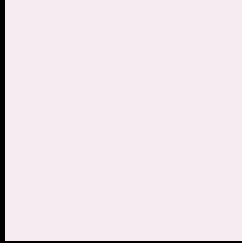
Large Text (above 18pt) WCAG AA × Fail

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 84.0931, 85.6016, 96.0950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

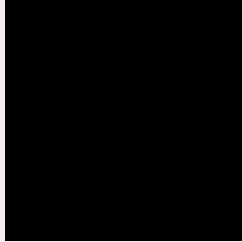
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

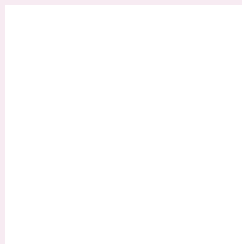
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.0931, 85.6016, 96.0950

Background



This preview shows how black text looks on a background with the XYZ color 84.0931, 85.6016, 96.0950.



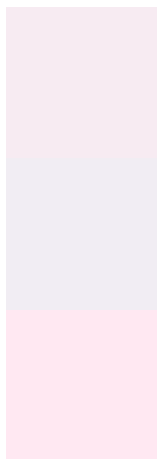
This preview shows how white text looks on a background with the XYZ color 84.0931, 85.6016,

96.0950.

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

84.0931, 85.6016, 96.0950

Protanopia

82.7375, 85.7402, 96.9828

Deuteranopia

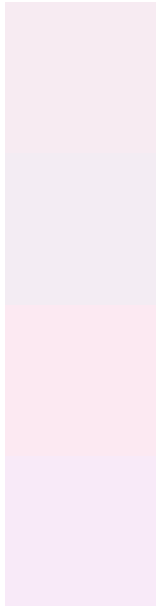
86.1236, 85.3840, 95.9460



Tritanopia

85.4210, 85.2626, 104.0506

Trichromacy



Original Color

84.0931, 85.6016, 96.0950

Protanomaly

83.1353, 85.5167, 96.9187

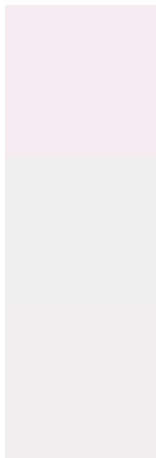
Deuteranomaly

85.3108, 85.3841, 95.9888

Tritanomaly

85.0775, 85.5794, 100.8413

Monochromacy



Original Color

84.0931, 85.6016, 96.0950

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.9207, 86.3176, 94.7286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0931, 85.6016, 96.0950 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(247, 235, 242) looks like.

```
.text, #text, p{  
    color:rgb(247, 235, 242)  
}
```

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(247, 235, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 235, 242) }
```

Border

The CSS property to change the border of an element to XYZ 84.0931, 85.6016, 96.0950 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(247, 235, 242) }
```


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

```
.border{ border-color:rgb(247, 235, 242) }
```

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

Here you see how a box with a 4 pixel rgb(247, 235, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 235, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 235, 242);  
box-shadow:4px 4px 4px 4px rgb(247, 235,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0931, 85.6016, 96.0950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 235, 242) }
```

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

```
.background{ background-color: rgb(247,  
235, 242) }
```

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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