

Converting Colors

XYZ(85.0440, 83.8313, 98.2466)

Have a look what the booklet for
XYZ(85.0440, 83.8313, 98.2466)
contains.

XYZ(84.9231, 83.8816, 98.1010)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(84.9231, 83.8816,
98.1010)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE6F5
RGB	252, 230, 245
RGB Percent	99%, 90%, 96%
CMY	0.0118, 0.0980, 0.0392
CMYK	0.00, 0.09, 0.03, 0.01
HSL	319°, 79%, 95%
HSV	319°, 9%, 99%
XYZ	84.9231, 83.8816, 98.1010
YIQ	238.2880, 8.2970, 9.3290

Conversions

Conversions Part 2

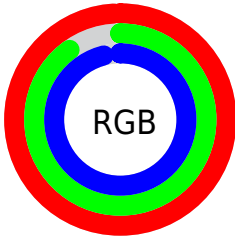
Format	Color
R _{YB}	252, 230, 245
Decimal	16574197
CIE Lab	93.40, 10.03, -4.55
CIE LCh	93, 11.013, 335.604
Yxy	83.8816, 0.3182, 0.3143
Android (android.graphics.Color)	4294764277 (0xFFFC6F5)
YUV	238.2880, 3.3090, 12.0254
Hunter-Lab	91.5869, 5.2354, 0.6038

Details

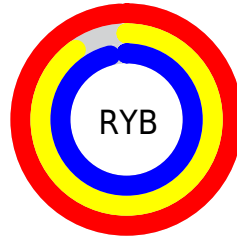
The XYZ color **84.9231, 83.8816, 98.1010** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.7328, 92.5605, 93.6307**, and the grayscale version is **81.4638, 85.7062, 93.3341**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8270, 45.5483, 54.4678** is the 20% darker color. If you saturate the color by 10%, you get **77.2137, 70.3788, 89.6216**, and if you desaturate by 10%, it is **93.6384, 99.3089, 107.1796**.

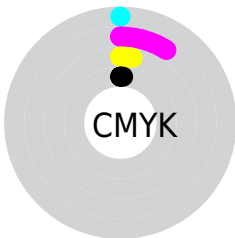
Distribution



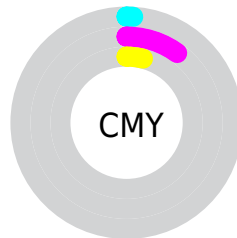
- Red (99%)
- Green (90%)
- Blue (96%)



- Red (99%)
- Yellow (90%)
- Blue (96%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (1%)





- Cyan (1%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.9231, 83.8816, 98.1010 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 84.9231, 83.8816, 98.1010 by changing the saturation by 10% instead.


 84.9231, 83.8816,
98.1010

 84.9231, 83.8816,
98.1010


499.8611,
507.9200, 575.2816

 64.1001, 62.9177,
74.1075


139.1803,
138.8095, 160.5741

 46.9938, 45.7746,
54.3847


173.3453,
173.5424, 199.8908

 33.2386, 32.0680,
38.5141


212.6882,
213.6336, 245.1524

 22.4694, 21.4134,
26.0770

257.5746,
259.4677, 296.7773

 14.3208, 13.4266,
16.6550

308.3697,
311.4289, 355.1842

 8.4273, 7.7229,
9.8294

365.4389,

 4.4237, 3.9182,

369.9018, 420.7915

5.1819

429.1476,
435.2707, 494.0177

■ 1.9445, 1.6279,
2.2938

■ 0.6025, 0.3763,
0.7277

■ 84.9231, 83.8816,
98.1010

■ 84.9231, 83.8816,
98.1010

■ 77.2137, 70.3788,
89.6216

■ 93.6384, 99.3089,
107.1796

■ 70.5247, 58.8342,
81.7399

■ 93.9554, 99.4357,
108.8488

■ 64.8115, 49.1583,
74.4387

■ 60.0231, 41.2505,
67.6977

■ 56.1039, 35.0004,
61.4947

■ 52.9920, 30.2854,
55.8056

■ 50.6167, 26.9656,
50.6032

■ 48.8947, 24.8753,
45.8561

■ 47.7059, 23.7756,
41.5203

Harmonies

Analogous

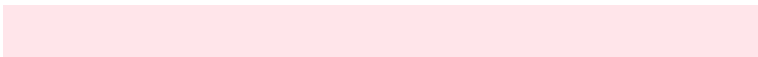
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.0234, 83.8816, 104.9670



84.9231, 83.8816, 98.1010



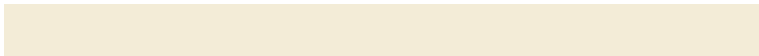
85.4164, 83.8816, 89.7794

Triad

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



84.9231, 83.8816, 98.1010



79.1827, 83.8816, 76.3188



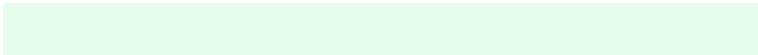
75.2710, 83.8816, 100.9666

Complementary

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



84.9231, 83.8816, 98.1010



82.7328, 92.5605, 93.6307

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.



74.2959, 83.8816, 92.9041



84.9231, 83.8816, 98.1010



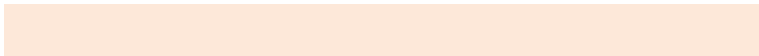
76.5189, 83.8816, 78.9335

Square

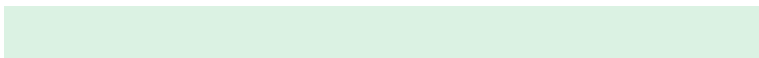
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



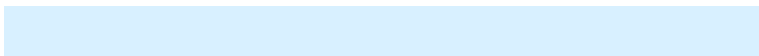
84.9231, 83.8816, 98.1010



82.0564, 83.8816, 77.5244



74.7472, 83.8816, 84.8833



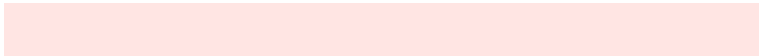
77.4420, 83.8816, 106.6906

Rectangle

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



84.9231, 83.8816, 98.1010



84.8712, 83.8816, 84.5923



74.7472, 83.8816, 84.8833



74.7949, 83.8816, 98.4222

Sweetspot

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



84.9255, 83.8852, 98.1028



92.2684, 95.0600, 106.0513



80.7848, 81.6248, 103.5940



19.5938, 20.0712, 22.5385



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

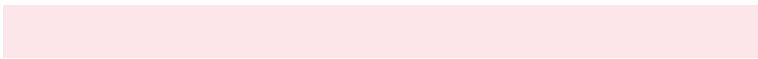
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.9255, 83.8852, 98.1028



86.1686, 84.2840, 99.6294



83.3006, 83.2353, 89.5464



17.7442, 17.4250, 20.5088



24.8510, 12.3561, 21.7214



2.3498, 1.1637, 2.2654

Inverse Universe

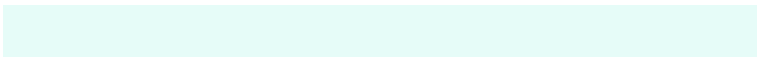
The Inverse Universe completely reimagines the original color for something new.



84.9255, 83.8852, 98.1028



86.1686, 84.2840, 99.6294



84.3843, 93.2211, 102.3276



17.7442, 17.4250, 20.5088



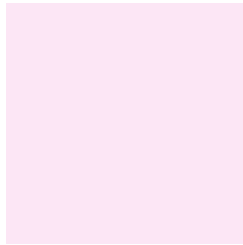
24.8510, 12.3561, 21.7214



2.3498, 1.1637, 2.2654

Previews

White Background



This preview shows how the XYZ color 84.9231, 83.8816, 98.1010 looks on a white background.

Color Contrast Check

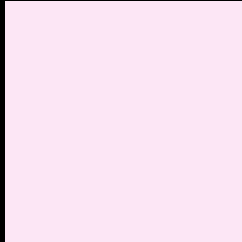
Large Text (above 18pt) WCAG AA × Fail

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 84.9231, 83.8816, 98.1010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

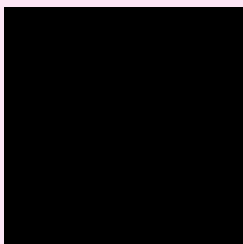
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.9231, 83.8816, 98.1010

Background



This preview shows how black text looks on a background with the XYZ color 84.9231, 83.8816, 98.1010.



This preview shows how white text looks on a background with the XYZ color 84.9231, 83.8816,

98.1010.

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

84.9231, 83.8816, 98.1010

Protanopia

81.5767, 84.1985, 100.7593

Deuteranopia

85.7407, 83.8912, 98.0598



Tritanopia

85.3850, 84.0664, 100.5331

Trichromacy



Original Color

84.9231, 83.8816, 98.1010

Protanomaly

82.5454, 83.8705, 99.8337

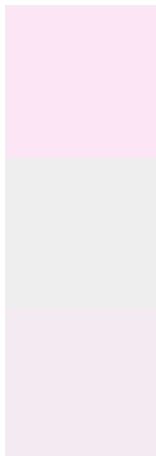
Deuteranomaly

85.3738, 83.7020, 98.0426

Tritanomaly

85.2302, 84.0045, 99.7181

Monochromacy



Original Color

84.9231, 83.8816, 98.1010

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.5477, 84.8222, 95.2407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.9231, 83.8816, 98.1010 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(252, 230, 245) looks like.

```
.text, #text, p{  
    color:rgb(252, 230, 245)  
}
```

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(252, 230, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 230, 245) }
```

Border

The CSS property to change the border of an element to XYZ 84.9231, 83.8816, 98.1010 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(252, 230, 245) }
```


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

```
.border{ border-color:rgb(252, 230, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 230, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 230, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 230, 245);  
box-shadow:4px 4px 4px 4px rgb(252, 230,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 84.9231, 83.8816, 98.1010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 230, 245) }
```

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

```
.background{ background-color: rgb(252,  
230, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor