

Converting Colors

XYZ(84.8952, 84.6952, 99.0310)

Have a look what the booklet for
XYZ(84.8952, 84.6952, 99.0310)
contains.

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Color

**XYZ(84.9155, 84.6910,
99.0603)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE8F6
RGB	250, 232, 246
RGB Percent	98%, 91%, 96%
CMY	0.0196, 0.0902, 0.0353
CMYK	0.00, 0.07, 0.02, 0.02
HSL	313°, 64%, 95%
HSV	313°, 7%, 98%
XYZ	84.9155, 84.6910, 99.0603
YIQ	238.9780, 6.2340, 8.1700

Conversions

Conversions Part 2

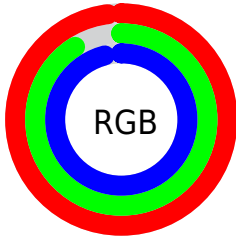
Format	Color
R _Y B	250, 232, 246
Decimal	16443638
CIE Lab	93.75, 8.50, -4.57
CIE LCh	94, 9.654, 331.737
Yxy	84.6910, 0.3161, 0.3152
Android (android.graphics.Color)	4294633718 (0xFFFAE8F6)
YUV	238.9780, 3.4618, 9.6663
Hunter-Lab	92.0277, 3.6564, 0.5986

Details

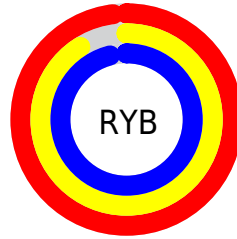
The XYZ color **84.9155, 84.6910, 99.0603** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.6078, 91.5854, 92.6851**, and the grayscale version is **81.9996, 86.2699, 93.9479**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8119, 46.1058, 55.1473** is the 20% darker color. If you saturate the color by 10%, you get **77.5334, 71.2704, 92.4551**, and if you desaturate by 10%, it is **92.6857, 98.8446, 105.9229**.

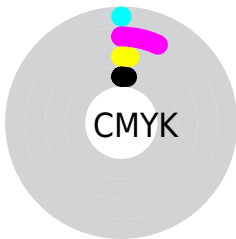
Distribution



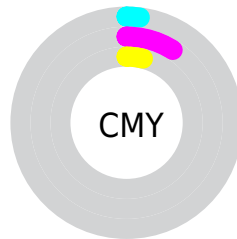
- Red (98%)
- Green (91%)
- Blue (96%)



- Red (98%)
- Yellow (91%)
- Blue (96%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (2%)





- Cyan (2%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.9155, 84.6910, 99.0603 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 84.9155, 84.6910, 99.0603 by changing the saturation by 10% instead.


 84.9155, 84.6910,
99.0603

 84.9155, 84.6910,
99.0603


499.8363,
510.6050, 578.3966

 64.0938, 63.5861,
74.9035


139.1697,
139.9414, 161.9058

 46.9886, 46.3155,
55.0326


173.3330,
174.8556, 201.4316

 33.2346, 32.4949,
39.0290

212.6742,
215.1418, 246.9174

 22.4663, 21.7398,
26.4743

257.5587,
261.1843, 298.7819

 14.3185, 13.6658,
16.9499

308.3518,
313.3674, 357.4435

 8.4257, 7.8886,
10.0372

365.4188,

 4.4226, 4.0237,

372.0757, 423.3208

5.3177

429.1252,
437.6934, 496.8323

■ 1.9439, 1.6869,
2.3729

■ 0.6021, 0.4151,
0.7716

■ 84.9155, 84.6910,
99.0603

■ 84.9155, 84.6910,
99.0603

■ 77.5334, 71.2704,
92.4551

■ 92.6857, 98.8446,
105.9229

■ 71.1332, 59.7741,
86.3009

■ 93.2349, 99.0643,
108.8151

■ 65.6719, 50.1157,
80.5834

■ 61.1008, 42.1978,
75.2853

■ 57.3665, 35.9141,
70.3876

■ 54.4098, 31.1465,
65.8694

■ 52.1635, 27.7611,
61.7073

■ 50.5487, 25.6004,
57.8736

■ 49.4636, 24.4614,
54.3333

Harmonies

Analogous

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



83.1166, 84.6910, 104.7463



84.9155, 84.6910, 99.0603



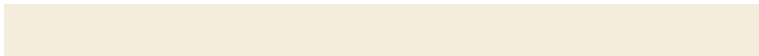
85.5235, 84.6910, 91.7870

Triad

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



84.9155, 84.6910, 99.0603



80.3470, 84.6910, 78.8135



76.3772, 84.6910, 99.8395

Complementary

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



84.9155, 84.6910, 99.0603



82.6078, 91.5854, 92.6851

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.



75.6700, 84.6910, 92.6425



84.9155, 84.6910, 99.0603



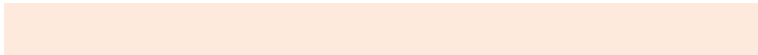
77.9316, 84.6910, 80.7236

Square

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



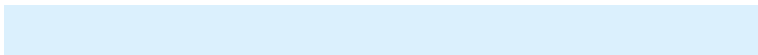
84.9155, 84.6910, 99.0603



82.8525, 84.6910, 80.3328



76.2331, 84.6910, 85.6908



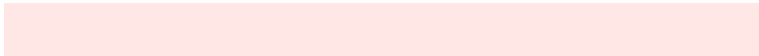
78.1851, 84.6910, 105.2127

Rectangle

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



84.9155, 84.6910, 99.0603



85.1615, 84.6910, 87.0851



76.2331, 84.6910, 85.6908



76.0046, 84.6910, 97.5406

Sweetspot

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



84.9179, 84.6947, 99.0621



93.2625, 96.7163, 107.4065



80.6743, 82.4353, 102.1034



19.9808, 20.7357, 23.0051



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

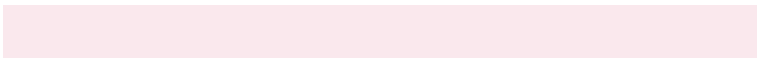
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.9179, 84.6947, 99.0621



87.3502, 85.8972, 102.3353



83.5845, 84.1613, 92.0403



17.8182, 17.4546, 20.8985



26.1594, 12.8795, 28.6113



2.4620, 1.2085, 2.8564

Inverse Universe

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



84.9179, 84.6947, 99.0621



87.3502, 85.8972, 102.3353



83.9333, 92.1156, 99.6647



17.8182, 17.4546, 20.8985



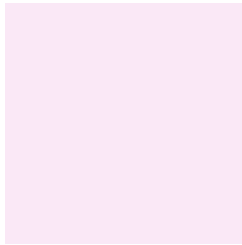
26.1594, 12.8795, 28.6113



2.4620, 1.2085, 2.8564

Previews

White Background



This preview shows how the XYZ color 84.9155, 84.6910, 99.0603 looks on a white background.

Color Contrast Check

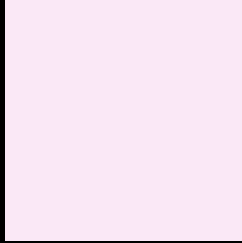
Large Text (above 18pt) WCAG AA × Fail

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 84.9155, 84.6910, 99.0603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

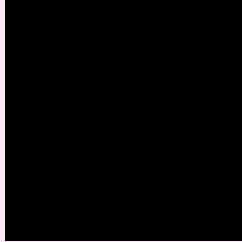
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.9155, 84.6910, 99.0603

Background



This preview shows how black text looks on a background with the XYZ color 84.9155, 84.6910, 99.0603.



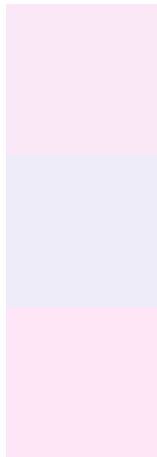
This preview shows how white text looks on a background with the XYZ color 84.9155, 84.6910,

99.0603.

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

84.9155, 84.6910, 99.0603

Protanopia

82.1986, 84.9454, 100.8707

Deuteranopia

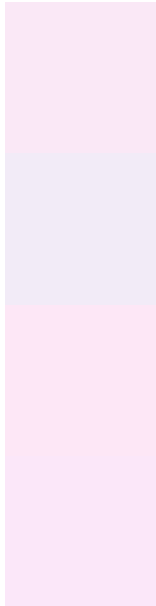
86.1714, 84.5074, 98.9586



Tritanopia

85.6149, 84.5632, 102.2524

Trichromacy



Original Color

84.9155, 84.6910, 99.0603

Protanomaly

83.1148, 85.0093, 100.0235

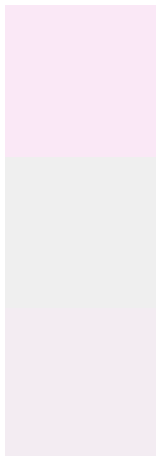
Deuteranomaly

85.7185, 84.6883, 99.0174

Tritanomaly

85.4585, 84.5006, 101.4286

Monochromacy



Original Color

84.9155, 84.6910, 99.0603

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.9846, 85.4564, 96.1254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.9155, 84.6910, 99.0603 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(250, 232, 246) looks like.

```
.text, #text, p{  
    color:rgb(250, 232, 246)  
}
```

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(250, 232, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 232, 246) }
```

Border

The CSS property to change the border of an element to XYZ 84.9155, 84.6910, 99.0603 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(250, 232, 246) }
```


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

```
.border{ border-color:rgb(250, 232, 246) }
```

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

Here you see how a box with a 4 pixel rgb(250, 232, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 232, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 232, 246);  
box-shadow:4px 4px 4px 4px rgb(250, 232,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 84.9155, 84.6910, 99.0603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 232, 246) }
```

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

```
.background{ background-color: rgb(250,  
232, 246) }
```

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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