

Converting Colors

XYZ(65.6679, 60.5827, 56.4886)

Have a look what the booklet for
XYZ(65.6679, 60.5827, 56.4886)
contains.

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Color

**XYZ(65.4723, 60.3482,
56.3417)**

Conversions

Conversions Part 1

Format	Color
Hex	F5BFBD
RGB	245, 191, 189
RGB Percent	96%, 75%, 74%
CMY	0.0392, 0.2510, 0.2588
CMYK	0.00, 0.22, 0.23, 0.04
HSL	2°, 74%, 85%
HSV	2°, 23%, 96%
XYZ	65.4723, 60.3482, 56.3417
YIQ	206.9180, 32.8260, 10.8260

Conversions

Conversions Part 2

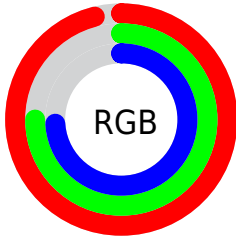
Format	Color
R _Y B	245, 191, 189
Decimal	16105405
CIE Lab	82.03, 19.05, 8.45
CIE LCh	82, 20.838, 23.912
Yxy	60.3482, 0.3594, 0.3313
Android (android.graphics.Color)	4294295485 (0xFFFF5BFBD)
YUV	206.9180, -8.8336, 33.3979
Hunter-Lab	77.6841, 14.4929, 11.3778

Details

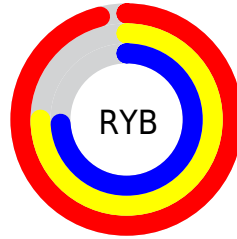
The XYZ color **65.4723, 60.3482, 56.3417** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.5175, 81.5103, 98.4557**, and the grayscale version is **59.2970, 62.3851, 67.9374**.

A 20% lighter version of the original color is **91.2888, 94.9874, 99.9092**, and **34.1286, 30.3603, 27.3539** is the 20% darker color. If you saturate the color by 10%, you get **58.2916, 49.8890, 41.9170**, and if you desaturate by 10%, it is **73.9364, 72.6543, 73.4118**.

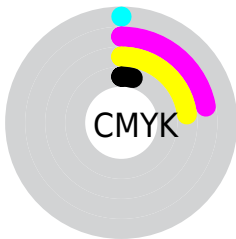
Distribution



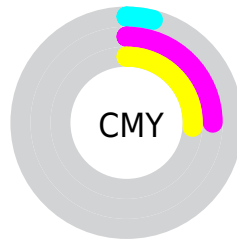
- Red (96%)
- Green (75%)
- Blue (74%)



- Red (96%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (22%)
- Yellow (23%)
- Black (4%)




- Cyan (4%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4723, 60.3482, 56.3417 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 65.4723, 60.3482, 56.3417 by changing the saturation by 10% instead.


 65.4723, 60.3482,
56.3417

 65.4723, 60.3482,
56.3417


434.0057,
425.8800, 428.4024

 48.1103, 43.6994,
40.0711


 111.7905,
105.3346, 100.9948

 34.1258, 30.4342,
27.2798


141.4775,
134.4410, 130.2144

 23.1536, 20.1684,
17.5492


176.0034,
168.4686, 164.5873

 14.8283, 12.5175,
10.4607


215.7337,
207.8019, 204.5323

 8.7845, 7.0972,
5.5959

261.0337,
252.8254, 250.4677

 4.6569, 3.5229,
2.5362

312.2688,

 2.0800, 1.4105,

303.9233, 302.8122

0.8592

369.8044,
361.4800, 361.9842

■ 0.6783, 0.2244,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.4723, 60.3482,
56.3417

■ 65.4723, 60.3482,
56.3417

■ 58.2916, 49.8890,
41.9170

■ 73.9364, 72.6543,
73.4118

■ 52.3270, 41.1799,
30.0020

■ 83.7372, 86.8816,
93.2465

■ 47.5128, 34.1279,
20.4544

■ 91.4664, 98.1526,
108.7323

■ 43.7747, 28.6278,
13.1163

■ 41.0300, 24.5626,
7.8106

■ 39.1839, 21.7989,
4.3330

■ 38.1231, 20.1778,
2.4365

■ 37.7516, 19.6030,
1.7940

Harmonies

Analogous

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



66.2184, 60.3482, 68.3206



65.4723, 60.3482, 56.3417



62.5046, 60.3482, 47.9600

Triad

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



65.4723, 60.3482, 56.3417



50.7708, 60.3482, 52.4072



56.4638, 60.3482, 92.9605

Complementary

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



65.4723, 60.3482, 56.3417



69.5175, 81.5103, 98.4557

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.



52.5041, 60.3482, 87.3717



65.4723, 60.3482, 56.3417



49.3276, 60.3482, 63.1647

Square

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



65.4723, 60.3482, 56.3417



53.9877, 60.3482, 45.9005



49.9456, 60.3482, 76.0608



60.8682, 60.3482, 90.5260

Rectangle

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



65.4723, 60.3482, 56.3417



59.7432, 60.3482, 45.0134



49.9456, 60.3482, 76.0608



55.0394, 60.3482, 91.9375

Sweetspot

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



65.4739, 60.3510, 56.3429



87.0611, 88.4095, 92.7118



72.0522, 62.2875, 93.1252



18.4947, 18.7201, 19.5608



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.



65.4739, 60.3510, 56.3429



68.2337, 61.0412, 54.7238



72.1388, 73.6807, 58.5646



16.5467, 16.5775, 17.1252



20.3585, 10.6026, 0.9735



1.8057, 0.9647, 0.0910

Inverse Universe

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



69.5175, 81.5103, 98.4557



73.3149, 87.6354, 107.6590



61.8028, 66.0809, 95.8842



16.9429, 18.6500, 21.2494



25.0966, 35.9870, 52.1615



2.2214, 3.1941, 4.5897

Previews

White Background



This preview shows how the XYZ color 65.4723, 60.3482, 56.3417 looks on a white background.

Color Contrast Check

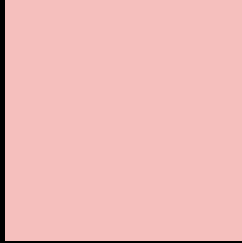
Large Text (above 18pt) WCAG AA × Fail

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 65.4723, 60.3482, 56.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

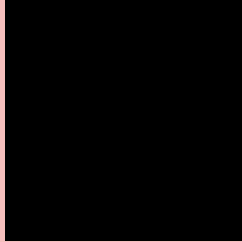
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4723, 60.3482, 56.3417

Background



This preview shows how black text looks on a background with the XYZ color 65.4723, 60.3482, 56.3417.

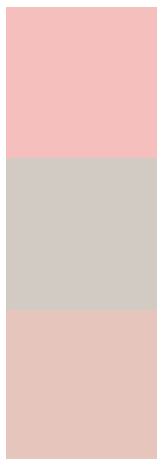


This preview shows how white text looks on a background with the XYZ color 65.4723, 60.3482, 56.3417.

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

65.4723, 60.3482, 56.3417

Protanopia

57.8981, 60.3990, 60.8312

Deuteranopia

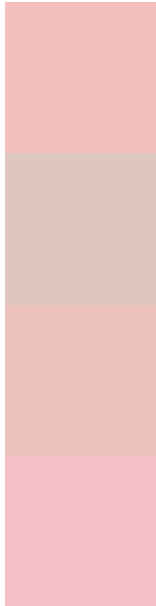
61.6765, 60.3863, 55.9820



Tritanopia

67.3349, 60.4811, 64.6250

Trichromacy



Original Color

65.4723, 60.3482, 56.3417

Protanomaly

60.4805, 60.3851, 58.9199

Deuteranomaly

62.8532, 60.3232, 55.9078

Tritanomaly

66.6125, 60.4970, 61.5923

Monochromacy



Original Color

65.4723, 60.3482, 56.3417

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.1308, 61.3156, 63.2567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4723, 60.3482, 56.3417 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(245, 191, 189)` looks like.

```
.text, #text, p{  
    color:rgb(245, 191, 189)  
}
```

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(245, 191, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 191, 189) }
```

Border

The CSS property to change the border of an element to XYZ 65.4723, 60.3482, 56.3417 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(245, 191, 189) }
```


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

```
.border{ border-color:rgb(245, 191, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 191, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 191, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 191, 189);  
box-shadow:4px 4px 4px 4px rgb(245, 191,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4723, 60.3482, 56.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 191, 189) }
```

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

```
.background{ background-color: rgb(245,  
191, 189) }
```

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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