

Converting Colors

XYZ(65.9922, 61.3470, 57.6540)

Have a look what the booklet for
XYZ(65.9922, 61.3470, 57.6540)
contains.

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Color

**XYZ(65.7822, 61.1346,
57.6233)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C1BF
RGB	244, 193, 191
RGB Percent	96%, 76%, 75%
CMY	0.0431, 0.2431, 0.2510
CMYK	0.00, 0.21, 0.22, 0.04
HSL	2°, 71%, 85%
HSV	2°, 22%, 96%
XYZ	65.7822, 61.1346, 57.6233
YIQ	208.0210, 31.0380, 10.1900

Conversions

Conversions Part 2

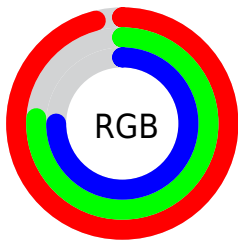
Format	Color
R_{YB}	244, 193, 191
Decimal	16040383
CIE _{Lab}	82.45, 17.92, 7.97
CIE _{LCh}	82, 19.610, 23.977
Y _{xy}	61.1346, 0.3565, 0.3313
Android (android.graphics.Color)	4294230463 (0xFFFF4C1BF)
YUV	208.0210, -8.3914, 31.5536
Hunter-Lab	78.1886, 13.3468, 11.0366

Details

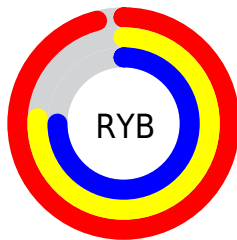
The XYZ color **65.7822, 61.1346, 57.6233** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.5665, 81.1103, 97.5778**, and the grayscale version is **60.0078, 63.1329, 68.7517**.

A 20% lighter version of the original color is **92.2141, 96.3466, 101.7322**, and **34.3136, 30.8650, 28.1938** is the 20% darker color. If you saturate the color by 10%, you get **58.5332, 50.5815, 43.0445**, and if you desaturate by 10%, it is **74.3057, 73.5199, 74.8352**.

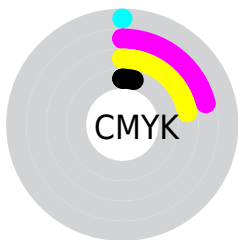
Distribution



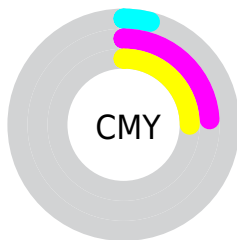
- Red (96%)
- Green (76%)
- Blue (75%)



- Red (96%)
- Yellow (76%)
- Blue (75%)



- Cyan (0%)
- Magenta (21%)
- Yellow (22%)
- Black (4%)





- Cyan (4%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7822, 61.1346, 57.6233 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 65.7822, 61.1346, 57.6233 by changing the saturation by 10% instead.


 65.7822, 61.1346,
57.6233

 65.7822, 61.1346,
57.6233


435.0985,
428.7674, 433.3398

 48.3627, 44.3338,
41.0932


 112.2331,
106.4738, 102.8834

 34.3266, 30.9330,
28.0717


141.9953,
135.7810, 132.4506

 23.3087, 20.5478,
18.1402


176.6023,
170.0258, 167.2004

 14.9436, 12.7939,
10.8802

216.4196,
209.5926, 207.5516

 8.8658, 7.2868,
5.8732

261.8125,
254.8657, 253.9225

 4.7102, 3.6421,
2.7006


313.1464,

 2.1112, 1.4754,


306.2296, 306.7319


0.9437


370.7866,
364.0687, 366.3981


 0.6953, 0.2713,
0.0000


 0.0000, 0.0000,
0.0000


 65.7822, 61.1346,
57.6233


 65.7822, 61.1346,
57.6233


 58.5332, 50.5815,
43.0445


 74.3057, 73.5199,
74.8352

 52.4929, 41.7659,
30.9654

 84.1556, 87.8096,
94.7971

 47.5969, 34.5970,
21.2469

 91.1185, 97.9732,
108.7160

 43.7731, 28.9727,
13.7345

■ 40.9410, 24.7795,
8.2555

■ 39.0088, 21.8883,
4.6114

■ 37.8677, 20.1469,
2.5641

■ 37.4086, 19.4335,
1.7794

Harmonies

Analogous

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



66.4915, 61.1346, 69.0154



65.7822, 61.1346, 57.6233



62.9741, 61.1346, 49.5954

Triad

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



65.7822, 61.1346, 57.6233



51.8319, 61.1346, 53.8981



57.2654, 61.1346, 92.2452

Complementary

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



65.7822, 61.1346, 57.6233



69.5665, 81.1103, 97.5778

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.



53.4966, 61.1346, 87.0219



65.7822, 61.1346, 57.6233



50.4580, 61.1346, 64.1736

Square

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



65.7822, 61.1346, 57.6233



54.8942, 61.1346, 47.6323



51.0526, 61.1346, 76.3873



61.4420, 61.1346, 89.9484

Rectangle

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



65.7822, 61.1346, 57.6233



60.3586, 61.1346, 46.7620



51.0526, 61.1346, 76.3873



55.9113, 61.1346, 91.2928

Sweetspot

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



65.7839, 61.1374, 57.6246



87.0716, 88.4305, 92.7153



72.0018, 62.9203, 92.5388



18.4971, 18.7249, 19.5616



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.



65.7839, 61.1374, 57.6246



69.0688, 62.2733, 56.3532



72.1140, 73.7977, 59.7346



16.5494, 16.5829, 17.1261



20.3626, 10.6107, 0.9748



1.8070, 0.9673, 0.0915

Inverse Universe

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



69.5665, 81.1103, 97.5778



73.9272, 87.9311, 107.6838



62.3033, 66.5840, 95.1568



16.9398, 18.6440, 21.2484



25.0210, 35.8358, 52.1363



2.2156, 3.1825, 4.5878

Previews

White Background



This preview shows how the XYZ color 65.7822, 61.1346, 57.6233 looks on a white background.

Color Contrast Check

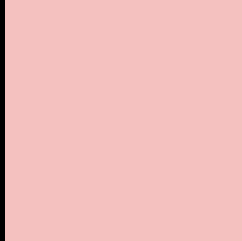
Large Text (above 18pt) WCAG AA × Fail

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 65.7822, 61.1346, 57.6233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

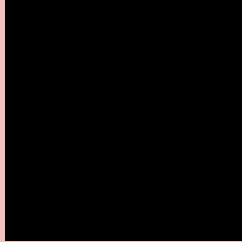
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7822, 61.1346, 57.6233

Background



This preview shows how black text looks on a background with the XYZ color 65.7822, 61.1346, 57.6233.



This preview shows how white text looks on a background with the XYZ color 65.7822, 61.1346,

57.6233.

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

65.7822, 61.1346, 57.6233

Protanopia

58.7733, 61.5427, 61.6046

Deuteranopia

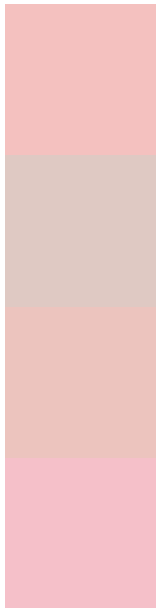
62.4433, 61.0948, 57.2166



Tritanopia

67.7774, 61.3107, 66.6544

Trichromacy



Original Color

65.7822, 61.1346, 57.6233

Protanomaly

61.1684, 61.4014, 60.2575

Deuteranomaly

63.6263, 61.0304, 57.1418

Tritanomaly

67.0484, 61.3288, 63.5621

Monochromacy



Original Color

65.7822, 61.1346, 57.6233

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.8354, 62.3483, 64.6525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7822, 61.1346, 57.6233 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(244, 193, 191)` looks like.

```
.text, #text, p{  
    color:rgb(244, 193, 191)  
}
```

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(244, 193, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 193, 191) }
```

Border

The CSS property to change the border of an element to XYZ 65.7822, 61.1346, 57.6233 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(244, 193, 191) }
```


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

```
.border{ border-color:rgb(244, 193, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 193, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 193, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 193, 191);  
box-shadow:4px 4px 4px 4px rgb(244, 193,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7822, 61.1346, 57.6233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 193, 191) }
```

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

```
.background{ background-color: rgb(244,  
193, 191) }
```

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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