

Converting Colors

XYZ(65.2144, 61.7255, 59.2846)

Have a look what the booklet for
XYZ(65.2144, 61.7255, 59.2846)
contains.

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Color

**XYZ(65.4127, 61.9002,
59.5392)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C4C2
RGB	240, 196, 194
RGB Percent	94%, 77%, 76%
CMY	0.0588, 0.2313, 0.2392
CMYK	0.00, 0.18, 0.19, 0.06
HSL	3°, 61%, 85%
HSV	3°, 19%, 94%
XYZ	65.4127, 61.9002, 59.5392
YIQ	208.9280, 26.8660, 8.7060

Conversions

Conversions Part 2

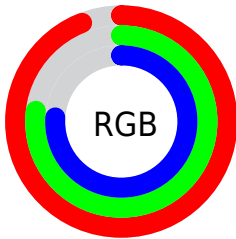
Format	Color
R _Y B	240, 196, 194
Decimal	15779010
CIE Lab	82.86, 15.32, 6.90
CIE LCh	83, 16.807, 24.244
Yxy	61.9002, 0.3501, 0.3313
Android (android.graphics.Color)	4293969090 (0xFFFF0C4C2)
YUV	208.9280, -7.3595, 27.2501
Hunter-Lab	78.6767, 10.7228, 10.2055

Details

The XYZ color **65.4127, 61.9002, 59.5392** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.5501, 78.9075, 94.0562**, and the grayscale version is **60.5930, 63.7486, 69.4222**.

A 20% lighter version of the original color is **93.6206, 98.4127, 104.5037**, and **33.9351, 31.3067, 29.0652** is the 20% darker color. If you saturate the color by 10%, you get **58.1447, 51.3347, 44.8749**, and if you desaturate by 10%, it is **73.9115, 74.2296, 76.7628**.

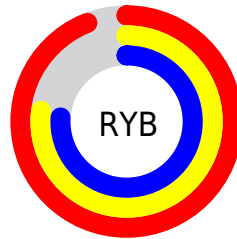
Distribution



Red (94%)

Green (77%)

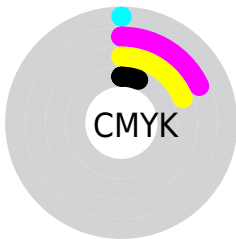
Blue (76%)



Red (94%)

Yellow (77%)

Blue (76%)

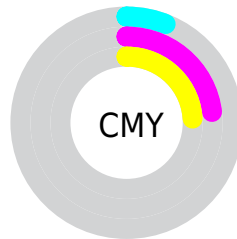


Cyan (0%)

Magenta (18%)

Yellow (19%)

Black (6%)



Cyan (6%)

Magenta (23%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4127, 61.9002, 59.5392 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 65.4127, 61.9002, 59.5392 by changing the saturation by 10% instead.

65.4127, 61.9002,
59.5392

65.4127, 61.9002,
59.5392

433.7954,
431.5670, 440.6546

48.0617, 44.9521,
42.6245

111.7054,
107.5813, 105.6977

34.0872, 31.4197,
29.2614

141.3778,
137.0830, 135.7786

23.1238, 20.9186,
19.0313

175.8882,
171.5381, 171.0853

14.8062, 13.0645,
11.5159

215.6017,
211.3308, 212.0363

8.7689, 7.4730,
6.2964

260.8839,
256.8457, 259.0502

4.6466, 3.7596,
2.9545

312.0999,

2.0741, 1.5400,

308.4671, 312.5455

1.0714

369.6153,
366.5794, 372.9408

■ 0.6751, 0.3167,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.4127, 61.9002,
59.5392

■ 65.4127, 61.9002,
59.5392

■ 58.1447, 51.3347,
44.8749

■ 73.9115, 74.2296,
76.7628

■ 52.0457, 42.4446,
32.6441

■ 83.6892, 88.3895,
96.6555

■ 47.0562, 35.1464,
22.7165

■ 89.7454, 97.2654,
108.6517

■ 43.1094, 29.3460,
14.9478

■ 40.1314, 24.9397,
9.1774

■ 38.0384, 21.8102,
5.2227

■ 36.7325, 19.8213,
2.8672

■ 36.0824, 18.8018,
1.7848

■ 36.0489, 18.7525,
1.7196

Harmonies

Analogous

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



66.0359, 61.9002, 69.4181



65.4127, 61.9002, 59.5392



62.9965, 61.9002, 52.4798

Triad

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



65.4127, 61.9002, 59.5392



53.3639, 61.9002, 56.4073



58.1389, 61.9002, 89.2448

Complementary

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



65.4127, 61.9002, 59.5392



68.5501, 78.9075, 94.0562

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.



54.8595, 61.9002, 84.9070



65.4127, 61.9002, 59.5392



52.1762, 61.9002, 65.4190

Square

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



65.4127, 61.9002, 59.5392



56.0218, 61.9002, 50.8056



52.7124, 61.9002, 75.9213



61.7393, 61.9002, 87.2606

Rectangle

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



65.4127, 61.9002, 59.5392



60.7449, 61.9002, 49.9743



52.7124, 61.9002, 75.9213



56.9642, 61.9002, 88.4650

Sweetspot

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



65.4144, 61.9030, 59.5405



88.1918, 90.0698, 94.9416



70.7288, 63.3101, 89.7416



18.7239, 19.0573, 20.0108



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.



65.4144, 61.9030, 59.5405



71.6455, 66.0651, 61.4094



70.8833, 72.8408, 61.3635



15.8280, 15.8692, 16.3785



19.7583, 10.3147, 0.9496



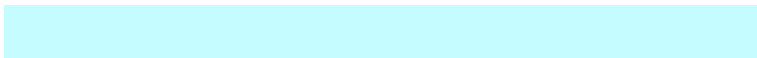
1.6630, 0.8967, 0.0854

Inverse Universe

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



68.5501, 78.9075, 94.0562



75.8561, 88.9028, 107.7697



62.3964, 66.6002, 92.0050



16.1849, 17.8039, 20.3051



24.0566, 34.3375, 50.4878



2.0194, 2.8929, 4.2062

Previews

White Background



This preview shows how the XYZ color 65.4127, 61.9002, 59.5392 looks on a white background.

Color Contrast Check

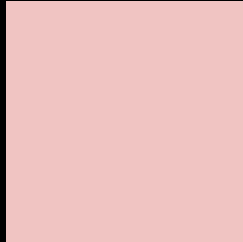
Large Text (above 18pt) WCAG AA × Fail

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 65.4127, 61.9002, 59.5392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

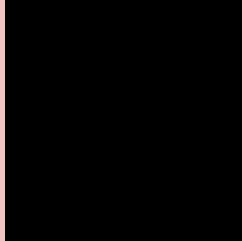
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4127, 61.9002, 59.5392

Background



This preview shows how black text looks on a background with the XYZ color 65.4127, 61.9002, 59.5392.

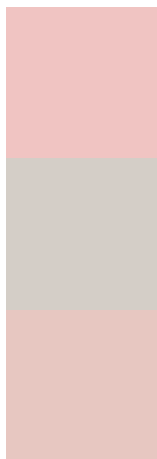


This preview shows how white text looks on a background with the XYZ color 65.4127, 61.9002,

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

65.4127, 61.9002, 59.5392

Protanopia

59.5315, 62.2632, 62.9132

Deuteranopia

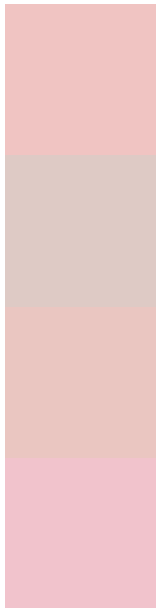
63.0041, 61.6860, 59.0380



Tritanopia

67.4184, 62.0643, 68.7479

Trichromacy



Original Color

65.4127, 61.9002, 59.5392

Protanomaly

61.3228, 61.8019, 61.5202

Deuteranomaly

63.7514, 61.7308, 59.0073

Tritanomaly

66.6898, 62.0906, 65.5965

Monochromacy



Original Color

65.4127, 61.9002, 59.5392

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.0071, 62.7610, 65.9727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4127, 61.9002, 59.5392 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(240, 196, 194)` looks like.

```
.text, #text, p{  
    color:rgb(240, 196, 194)  
}
```

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(240, 196, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 196, 194) }
```

Border

The CSS property to change the border of an element to XYZ 65.4127, 61.9002, 59.5392 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(240, 196, 194) }
```


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

```
.border{ border-color:rgb(240, 196, 194) }
```

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

Here you see how a box with a 4 pixel rgb(240, 196, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 196, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 196, 194);  
box-shadow:4px 4px 4px 4px rgb(240, 196,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4127, 61.9002, 59.5392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 196, 194) }
```

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

```
.background{ background-color: rgb(240,  
196, 194) }
```

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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