

Converting Colors

XYZ(70.6606, 65.2212, 59.9451)

Have a look what the booklet for
XYZ(70.6606, 65.2212, 59.9451)
contains.

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Color

**XYZ(70.8047, 65.3540,
59.9217)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC6C2
RGB	254, 198, 194
RGB Percent	100%, 78%, 76%
CMY	0.0039, 0.2235, 0.2392
CMYK	0.00, 0.22, 0.24, 0.00
HSL	4°, 97%, 88%
HSV	4°, 24%, 100%
XYZ	70.8047, 65.3540, 59.9217
YIQ	214.2880, 34.6600, 10.6280

Conversions

Conversions Part 2

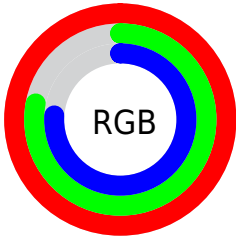
Format	Color
R_{YB}	254, 198, 194
Decimal	16697026
CIE _{Lab}	84.67, 19.35, 9.66
CIE _{LCh}	85, 21.632, 26.537
Yxy	65.3540, 0.3611, 0.3333
Android (android.graphics.Color)	4294887106 (0xFFFE6C2)
YUV	214.2880, -10.0020, 34.8274
Hunter-Lab	80.8418, 14.8647, 12.6422

Details

The XYZ color **70.8047, 65.3540, 59.9217** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3222, 86.9938, 106.6406**, and the grayscale version is **64.1608, 67.5022, 73.5099**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **37.4718, 33.5757, 29.3167** is the 20% darker color. If you saturate the color by 10%, you get **63.1916, 54.3093, 44.4924**, and if you desaturate by 10%, it is **79.7569, 78.2956, 78.2042**.

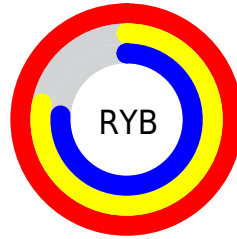
Distribution



Red (100%)

Green (78%)

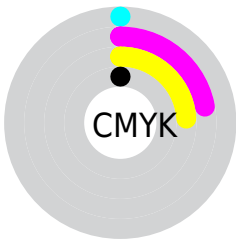
Blue (76%)



Red (100%)

Yellow (78%)

Blue (76%)

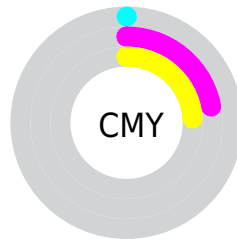


Cyan (0%)

Magenta (22%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.8047, 65.3540, 59.9217 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 70.8047, 65.3540, 59.9217 by changing the saturation by 10% instead.


 70.8047, 65.3540,
59.9217

 70.8047, 65.3540,
59.9217


452.5929,
444.0630, 442.1057

 52.4648, 47.7482,
42.9306


 119.3756,
112.5586, 106.2583

 37.6015, 33.6275,
29.4997


150.3374,
142.9263, 136.4410

 25.8493, 22.6076,
19.2103


186.2371,
178.3166, 171.8579

 16.8430, 14.3040,
11.6440

227.4401,
219.1141, 212.9277

 10.2173, 8.3324,
6.3822

274.3119,
265.7030, 260.0688

 5.6066, 4.3084,
3.0063

327.2177,

 2.6458, 1.8475,

318.4679, 313.6998

1.0979

386.5229,
377.7931, 374.2393

0.9693, 0.5165,
0.0000

0.0000, 0.0000,
0.0000

70.8047, 65.3540,
59.9217

70.8047, 65.3540,
59.9217

63.1916, 54.3093,
44.4924

79.7569, 78.2956,
78.2042

56.8482, 45.0639,
31.7686

90.1026, 93.2079,
99.4694

51.7069, 37.5251,
21.5955

94.6832, 99.8109,
108.8828

47.6915, 31.5885,
13.8010

■ 44.7173, 27.1381,
8.1917

■ 42.6875, 24.0421,
4.5440

■ 41.4867, 22.1459,
2.5861

■ 41.0729, 21.4704,
1.9794

Harmonies

Analogous

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



71.8594, 65.3540, 72.7785



70.8047, 65.3540, 59.9217



67.3817, 65.3540, 51.1908

Triad

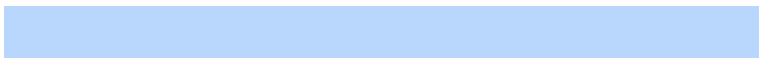
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.8047, 65.3540, 59.9217



54.6845, 65.3540, 57.4738



61.5576, 65.3540, 101.1584

Complementary

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



70.8047, 65.3540, 59.9217



74.3222, 86.9938, 106.6406

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.



57.1340, 65.3540, 95.7437



70.8047, 65.3540, 59.9217



53.2975, 65.3540, 69.5645

Square

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



70.8047, 65.3540, 59.9217



58.0581, 65.3540, 49.9115



54.1707, 65.3540, 83.7210



66.3609, 65.3540, 97.7156

Rectangle

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



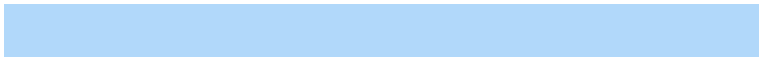
70.8047, 65.3540, 59.9217



64.3051, 65.3540, 48.2935



54.1707, 65.3540, 83.7210



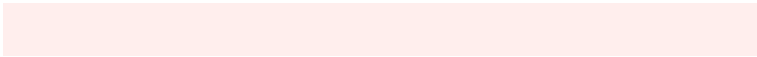
59.9791, 65.3540, 100.2980

Sweetspot

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



70.8065, 65.3570, 59.9230



87.2220, 88.7313, 92.7655



77.4207, 66.5573, 99.2092



18.5318, 18.7943, 19.5732



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.



70.8065, 65.3570, 59.9230



67.9113, 60.8268, 53.2893



78.3546, 80.4533, 62.4391



18.1067, 18.1816, 18.6994



21.6897, 11.3907, 1.0554



2.1443, 1.1740, 0.1136

Inverse Universe

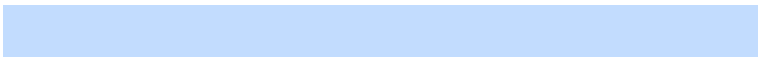
The Inverse Universe completely reimagines the original color for something new.



74.3222, 86.9938, 106.6406



71.9799, 85.8779, 107.3901



65.7314, 69.8122, 103.7770



18.4450, 20.2615, 23.1887



25.4485, 35.8066, 55.0047



2.5078, 3.5464, 5.3656

Previews

White Background



This preview shows how the XYZ color 70.8047, 65.3540, 59.9217 looks on a white background.

Color Contrast Check

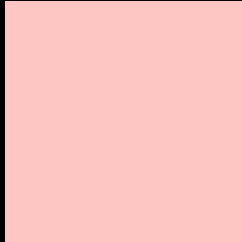
Large Text (above 18pt) WCAG AA × Fail

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 70.8047, 65.3540, 59.9217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

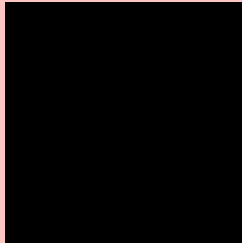
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.8047, 65.3540, 59.9217

Background



This preview shows how black text looks on a background with the XYZ color 70.8047, 65.3540, 59.9217.

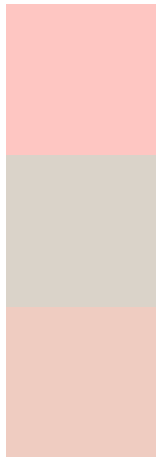


This preview shows how white text looks on a background with the XYZ color 70.8047, 65.3540,

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

70.8047, 65.3540, 59.9217

Protanopia

62.7503, 65.7110, 64.6345

Deuteranopia

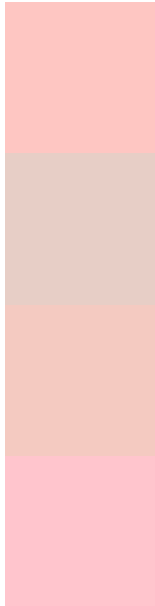
66.8151, 65.3867, 59.5514



Tritanopia

72.7378, 65.4430, 70.4261

Trichromacy



Original Color

70.8047, 65.3540, 59.9217

Protanomaly

65.2193, 65.2088, 62.5752

Deuteranomaly

68.0544, 65.3244, 59.4741

Tritanomaly

72.2257, 65.6003, 66.6130

Monochromacy



Original Color

70.8047, 65.3540, 59.9217

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.1315, 66.2748, 68.3383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8047, 65.3540, 59.9217 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(254, 198, 194)` looks like.

```
.text, #text, p{  
    color:rgb(254, 198, 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(254, 198, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 198, 194) }
```

Border

The CSS property to change the border of an element to XYZ 70.8047, 65.3540, 59.9217 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(254, 198, 194) }
```


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

```
.border{ border-color:rgb(254, 198, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 198, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 198, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 198, 194);  
box-shadow:4px 4px 4px 4px rgb(254, 198,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8047, 65.3540, 59.9217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 198, 194) }
```

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

```
.background{ background-color: rgb(254,  
198, 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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