

Converting Colors

XYZ(70.1763, 64.8033, 57.5255)

Have a look what the booklet for
XYZ(70.1763, 64.8033, 57.5255)
contains.

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Color

**XYZ(70.1336, 64.7210,
57.5112)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC5BE
RGB	254, 197, 190
RGB Percent	100%, 77%, 75%
CMY	0.0039, 0.2274, 0.2549
CMYK	0.00, 0.22, 0.25, 0.00
HSL	7°, 97%, 87%
HSV	7°, 25%, 100%
XYZ	70.1336, 64.7210, 57.5112
YIQ	213.2450, 36.2190, 9.9070

Conversions

Conversions Part 2

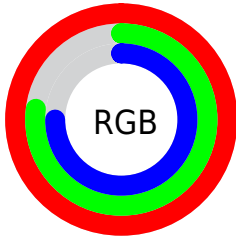
Format	Color
RYB	254, 198, 190
Decimal	16696766
CIELab	84.34, 19.32, 11.33
CIELCh	84, 22.399, 30.388
Yxy	64.7210, 0.3646, 0.3364
Android (android.graphics.Color)	4294886846 (0xFFFECE5BE)
YUV	213.2450, -11.4598, 35.7421
Hunter-Lab	80.4494, 14.8251, 13.9296

Details

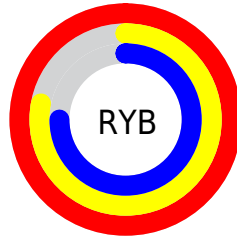
The XYZ color **70.1336, 64.7210, 57.5112** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3846, 84.6222, 106.2851**, and the grayscale version is **63.4686, 66.7739, 72.7168**.

A 20% lighter version of the original color is **93.3164, 98.7974, 101.3403**, and **37.1028, 33.1868, 28.1171** is the 20% darker color. If you saturate the color by 10%, you get **62.8393, 54.1946, 42.5560**, and if you desaturate by 10%, it is **78.6859, 76.9883, 75.2739**.

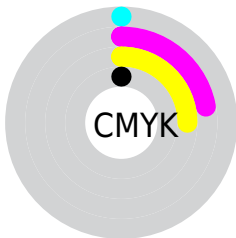
Distribution



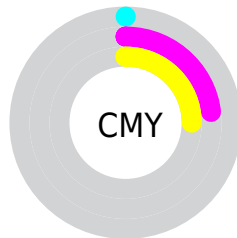
- Red (100%)
- Green (77%)
- Blue (75%)



- Red (100%)
- Yellow (78%)
- Blue (75%)



- Cyan (0%)
- Magenta (22%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.1336, 64.7210, 57.5112 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 70.1336, 64.7210, 57.5112 by changing the saturation by 10% instead.


 70.1336, 64.7210,
57.5112

 70.1336, 64.7210,
57.5112

450.2781,
441.7887, 432.9094

 51.9154, 47.2349,
41.0037


 118.4245,
111.6486, 102.7184

 37.1617, 33.2214,
28.0023

149.2279,
141.8590, 132.2553

 25.5069, 22.2961,
18.0883


184.9572,
177.0795, 166.9723

 16.5859, 14.0746,
10.8433

225.9776,
217.6946, 207.2881

 10.0332, 8.1726,
5.8487

272.6546,
264.0886, 253.6211

 5.4834, 4.2056,
2.6860

325.3534,

 2.5712, 1.7892,

316.6461, 306.3900

0.9364

384.4394,
375.7513, 366.0132

■ 0.9313, 0.4804,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.1336, 64.7210,
57.5112

■ 70.1336, 64.7210,
57.5112

■ 62.8393, 54.1946,
42.5560

■ 78.6859, 76.9883,
75.2739

■ 56.7385, 45.3215,
30.2608

■ 88.5463, 91.0609,
95.9735

■ 51.7687, 38.0203,
20.4705

94.6833, 99.8109,
108.8828

■ 47.8598, 32.1990,
13.0124

■ 44.9335, 27.7559,
7.6920

■ 42.9008, 24.5764,
4.2828

■ 41.6555, 22.5272,
2.5070

■ 41.2838, 21.8920,
2.0497

Harmonies

Analogous

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



71.5761, 64.7210, 70.2851



70.1336, 64.7210, 57.5112



66.3598, 64.7210, 49.2516

Triad

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



70.1336, 64.7210, 57.5112



53.5747, 64.7210, 57.7919



61.5801, 64.7210, 101.5379

Complementary

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



70.1336, 64.7210, 57.5112



72.3846, 84.6222, 106.2851

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.



56.9126, 64.7210, 97.0460



70.1336, 64.7210, 57.5112



52.4446, 64.7210, 70.6556

Square

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



70.1336, 64.7210, 57.5112



56.8063, 64.7210, 49.3976



53.6338, 64.7210, 85.2428



66.4777, 64.7210, 96.8168

Rectangle

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



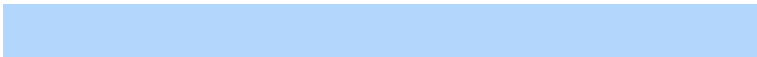
70.1336, 64.7210, 57.5112



63.1251, 64.7210, 46.7812



53.6338, 64.7210, 85.2428



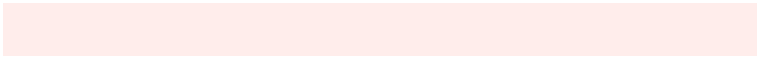
59.9332, 64.7210, 101.0493

Sweetspot

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



70.1353, 64.7240, 57.5125



86.4134, 87.7066, 90.6692



76.1684, 64.6511, 96.9469



18.1694, 18.3069, 18.7203



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.



70.1353, 64.7240, 57.5125



67.0695, 59.9812, 50.4257



78.0215, 80.4964, 60.1413



18.1694, 18.3069, 18.7203



21.8157, 11.6426, 1.0974



2.1739, 1.2331, 0.1234

Inverse Universe

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



72.3846, 84.6222, 106.2851



69.6719, 83.0380, 106.9636



63.5789, 67.0108, 103.3498



18.3751, 20.1217, 23.1654



23.8659, 32.6414, 54.4771



2.3702, 3.2712, 5.3197

Previews

White Background



This preview shows how the XYZ color 70.1336, 64.7210, 57.5112 looks on a white background.

Color Contrast Check

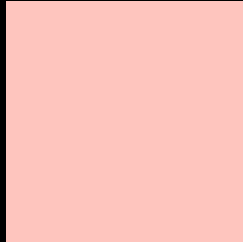
Large Text (above 18pt) WCAG AA × Fail

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 70.1336, 64.7210, 57.5112 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 70.1336, 64.7210, 57.5112

Background



This preview shows how black text looks on a background with the XYZ color 70.1336, 64.7210, 57.5112.



This preview shows how white text looks on a background with the XYZ color 70.1336, 64.7210,

57.5112.

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

70.1336, 64.7210, 57.5112

Protanopia

62.0381, 65.0298, 62.1056

Deuteranopia

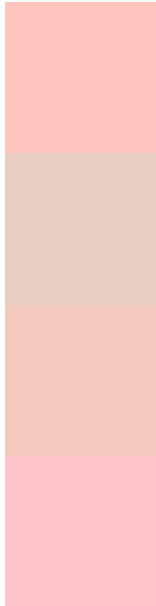
66.1378, 64.7367, 57.1537



Tritanopia

72.2637, 64.8937, 69.0386

Trichromacy



Original Color

70.1336, 64.7210, 57.5112

Protanomaly

64.5239, 64.5466, 60.0969

Deuteranomaly

67.3802, 64.6805, 57.0774

Tritanomaly

71.6406, 65.0041, 64.6483

Monochromacy



Original Color

70.1336, 64.7210, 57.5112

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.3272, 65.5274, 66.9625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1336, 64.7210, 57.5112 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, 197, 190)` looks like.

```
.text, #text, p{  
    color:rgb(254, 197, 190)  
}
```

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, 197, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 197, 190) }
```

Border

The CSS property to change the border of an element to XYZ 70.1336, 64.7210, 57.5112 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, 197, 190) }
```


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

```
.border{ border-color:rgb(254, 197, 190) }
```

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

Here you see how a box with a 4 pixel rgb(254, 197, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 197, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 197, 190);  
box-shadow:4px 4px 4px 4px rgb(254, 197,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1336, 64.7210, 57.5112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 197, 190) }
```

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

```
.background{ background-color: rgb(254,  
197, 190) }
```

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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