

Converting Colors

XYZ(66.7568, 64.4104, 64.3315)

Have a look what the booklet for
XYZ(66.7568, 64.4104, 64.3315)
contains.

XYZ(66.9230, 64.6352, 64.2070)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.9230, 64.6352,
64.2070)**

Conversions

Conversions Part 1

Format	Color
Hex	EECAC9
RGB	238, 202, 201
RGB Percent	93%, 79%, 79%
CMY	0.0667, 0.2078, 0.2118
CMYK	0.00, 0.15, 0.16, 0.07
HSL	2°, 52%, 86%
HSV	2°, 16%, 93%
XYZ	66.9230, 64.6352, 64.2070
YIQ	212.6500, 21.7770, 7.3210

Conversions

Conversions Part 2

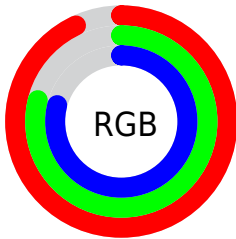
Format	Color
R _Y B	238, 202, 201
Decimal	15649481
CIE Lab	84.30, 12.51, 5.21
CIE LCh	84, 13.551, 22.604
Yxy	64.6352, 0.3419, 0.3302
Android (android.graphics.Color)	4293839561 (0xFFEECAC9)
YUV	212.6500, -5.7434, 22.2320
Hunter-Lab	80.3960, 7.8934, 8.9262

Details

The XYZ color **66.9230, 64.6352, 64.2070** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.8037, 79.1572, 92.4893**, and the grayscale version is **63.0405, 66.3235, 72.2263**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1478, 33.2315, 32.1656** is the 20% darker color. If you saturate the color by 10%, you get **59.3064, 53.5403, 48.9089**, and if you desaturate by 10%, it is **75.7921, 77.5396, 82.0643**.

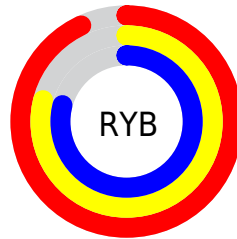
Distribution



Red (93%)

Green (79%)

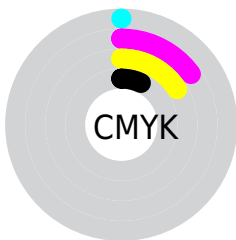
Blue (79%)



Red (93%)

Yellow (79%)

Blue (79%)

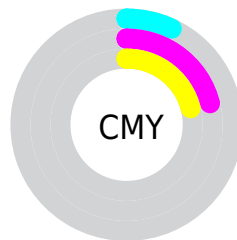


Cyan (0%)

Magenta (15%)

Yellow (16%)

Black (7%)



Cyan (7%)

Magenta (21%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9230, 64.6352, 64.2070 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 66.9230, 64.6352, 64.2070 by changing the saturation by 10% instead.

66.9230, 64.6352,
64.2070

66.9230, 64.6352,
64.2070

439.1074,
441.4799, 458.1647

49.2925, 47.1653,
46.3711

113.8605,
111.5252, 112.5113

35.0671, 33.1664,
32.1880

143.8982,
141.7142, 143.8168

23.8813, 22.2539,
21.2391

178.8024,
176.9116, 180.4493

15.3699, 14.0436,
13.1060

218.9383,
217.5019, 222.8272

9.1674, 8.1510,
7.3700

264.6715,
263.8695, 271.3692

4.9085, 4.1917,
3.6126

316.3671,

2.2279, 1.7814,

316.3988, 326.4938

1.4153

374.3907,
375.4741, 388.6194

■ 0.7574, 0.4755,
0.1536

■ 0.0000, 0.0000,
0.0000

■ 66.9230, 64.6352,
64.2070

■ 66.9230, 64.6352,
64.2070

■ 59.3064, 53.5403,
48.9089

■ 75.7921, 77.5396,
82.0643

■ 52.8809, 44.1660,
36.0489

■ 85.9609, 92.3200,
102.5860

■ 47.5878, 36.4285,
25.5023

■ 89.0701, 96.9173,
108.6201

■ 43.3616, 30.2342,
17.1319

■ 40.1297, 25.4796,
10.7859

■ 37.8110, 22.0488,
6.2928

■ 36.3110, 19.8077,
3.4534

■ 35.5152, 18.5944,
2.0218

■ 35.3302, 18.3175,
1.6735

Harmonies

Analogous

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



67.3428, 64.6352, 72.5281



66.9230, 64.6352, 64.2070



65.0096, 64.6352, 58.0336

Triad

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



66.9230, 64.6352, 64.2070



56.9575, 64.6352, 60.7991



60.6932, 64.6352, 88.0925

Complementary

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



66.9230, 64.6352, 64.2070



69.8037, 79.1572, 92.4893

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.



57.9916, 64.6352, 84.3566



66.9230, 64.6352, 64.2070



55.8810, 64.6352, 68.2684

Square

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



66.9230, 64.6352, 64.2070



59.2400, 64.6352, 56.1808



56.2533, 64.6352, 76.9296



63.6812, 64.6352, 86.7828

Rectangle

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



66.9230, 64.6352, 64.2070



63.1773, 64.6352, 55.7395



56.2533, 64.6352, 76.9296



59.7227, 64.6352, 87.3754

Sweetspot

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



66.9248, 64.6381, 64.2084



89.2344, 91.5455, 97.1683



71.4894, 66.0882, 89.4037



18.9315, 19.3497, 20.4587



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

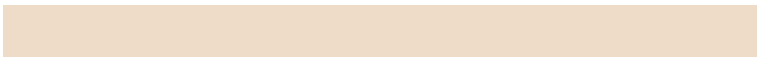
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.9248, 64.6381, 64.2084



74.9705, 70.7889, 68.4557



71.4270, 73.6426, 65.7091



15.8072, 15.8275, 16.3716



19.7256, 10.2492, 0.9386



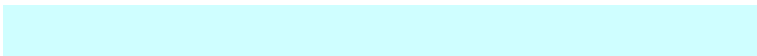
1.6530, 0.8767, 0.0821

Inverse Universe

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



69.8037, 79.1572, 92.4893



78.9985, 91.1046, 108.0290



64.8219, 69.1936, 90.8287



16.2085, 17.8510, 20.3129



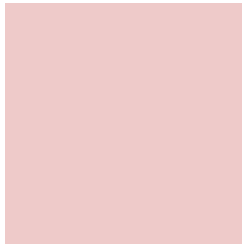
24.6533, 35.5309, 50.6867



2.0625, 2.9789, 4.2205

Previews

White Background



This preview shows how the XYZ color 66.9230, 64.6352, 64.2070 looks on a white background.

Color Contrast Check

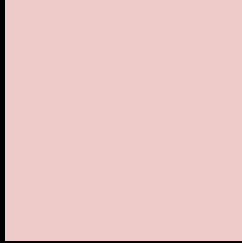
Large Text (above 18pt) WCAG AA × Fail

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 66.9230, 64.6352, 64.2070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

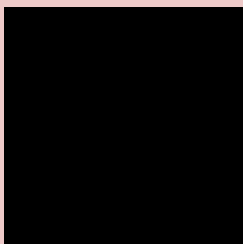
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.9230, 64.6352, 64.2070

Background



This preview shows how black text looks on a background with the XYZ color 66.9230, 64.6352, 64.2070.

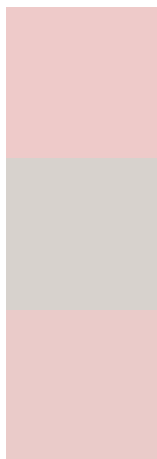


This preview shows how white text looks on a background with the XYZ color 66.9230, 64.6352,

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

66.9230, 64.6352, 64.2070

Protanopia

62.0904, 64.9480, 67.0213

Deuteranopia

65.8302, 64.4213, 64.2233



Tritanopia

68.8552, 64.7401, 73.1570

Trichromacy



Original Color

66.9230, 64.6352, 64.2070

Protanomaly

63.6433, 64.6733, 66.2556

Deuteranomaly

66.1595, 64.5911, 64.2387

Tritanomaly

68.1161, 64.7772, 69.8859

Monochromacy



Original Color

66.9230, 64.6352, 64.2070

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.4333, 65.7340, 69.6135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9230, 64.6352, 64.2070 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(238, 202, 201)` looks like.

```
.text, #text, p{  
    color:rgb(238, 202, 201)  
}
```

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(238, 202, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 202, 201) }
```

Border

The CSS property to change the border of an element to XYZ 66.9230, 64.6352, 64.2070 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(238, 202, 201) }
```


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

```
.border{ border-color:rgb(238, 202, 201) }
```

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

Here you see how a box with a 4 pixel rgb(238, 202, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 202, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 202, 201);  
box-shadow:4px 4px 4px 4px rgb(238, 202,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9230, 64.6352, 64.2070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 202, 201) }
```

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

```
.background{ background-color: rgb(238,  
202, 201) }
```

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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