

Converting Colors

XYZ(67.2632, 64.7072, 64.4538)

Have a look what the booklet for
XYZ(67.2632, 64.7072, 64.4538)
contains.

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Color

**XYZ(67.2597, 64.8088,
64.2227)**

Conversions

Conversions Part 1

Format	Color
Hex	EFCAC9
RGB	239, 202, 201
RGB Percent	94%, 79%, 79%
CMY	0.0627, 0.2078, 0.2118
CMYK	0.00, 0.15, 0.16, 0.06
HSL	2°, 54%, 86%
HSV	2°, 16%, 94%
XYZ	67.2597, 64.8088, 64.2227
YIQ	212.9490, 22.3730, 7.5330

Conversions

Conversions Part 2

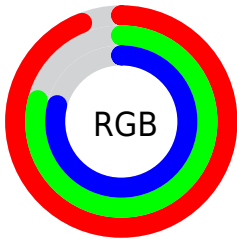
Format	Color
R _Y B	239, 202, 201
Decimal	15715017
CIE Lab	84.39, 12.87, 5.35
CIE LCh	84, 13.936, 22.573
Yxy	64.8088, 0.3427, 0.3302
Android (android.graphics.Color)	4293905097 (0xFFEFCAC9)
YUV	212.9490, -5.8909, 22.8467
Hunter-Lab	80.5039, 8.2520, 9.0536

Details

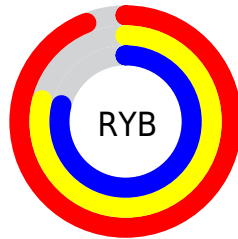
The XYZ color **67.2597, 64.8088, 64.2227** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.2413, 79.7967, 93.3620**, and the grayscale version is **63.2409, 66.5343, 72.4559**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3848, 33.3537, 32.1767** is the 20% darker color. If you saturate the color by 10%, you get **59.6103, 53.6642, 48.8644**, and if you desaturate by 10%, it is **76.1734, 77.7805, 82.1621**.

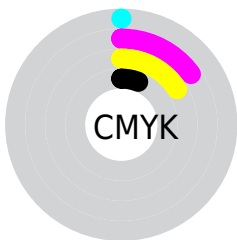
Distribution



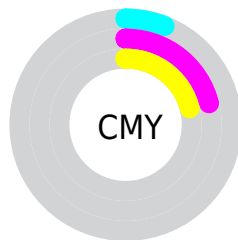
- Red (94%)
- Green (79%)
- Blue (79%)



- Red (94%)
- Yellow (79%)
- Blue (79%)



- Cyan (0%)
- Magenta (15%)
- Yellow (16%)
- Black (6%)



- Cyan (6%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2597, 64.8088, 64.2227 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 67.2597, 64.8088, 64.2227 by changing the saturation by 10% instead.

67.2597, 64.8088,
64.2227

67.2597, 64.8088,
64.2227

440.2866,
442.1046, 458.2229

49.5672, 47.3061,
46.3837

114.3402,
111.7749, 112.5341

35.2860, 33.2777,
32.1979

144.4589,
142.0071, 143.8437

24.0508, 22.3392,
21.2466

179.4503,
177.2512, 180.4806

15.4963, 14.1064,
13.1114

219.6799,
217.8916, 222.8632

9.2570, 8.1947,
7.3737

265.5130,
264.3128, 271.4103

4.9676, 4.2198,
3.6149

317.3149,

2.2628, 1.7973,

316.8991, 326.5402

1.4166

375.4510,
376.0349, 388.6716

■ 0.7756, 0.4855,
0.1546

■ 0.0000, 0.0000,
0.0000

■ 67.2597, 64.8088,
64.2227

■ 67.2597, 64.8088,
64.2227

■ 59.6103, 53.6642,
48.8644

■ 76.1734, 77.7805,
82.1621

■ 53.1628, 44.2565,
35.9646

■ 86.3992, 92.6469,
102.7892

■ 47.8578, 36.5008,
25.3970

■ 89.4068, 97.0908,
108.6359

■ 43.6287, 30.3019,
17.0223

■ 40.4019, 25.5545,
10.6866

■ 38.0946, 22.1407,
6.2157

■ 36.6110, 19.9240,
3.4070

■ 35.8337, 18.7387,
2.0097

■ 35.6654, 18.4880,
1.6888

Harmonies

Analogous

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



67.6912, 64.8088, 72.7920



67.2597, 64.8088, 64.2227



65.2872, 64.8088, 57.8765

Triad

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



67.2597, 64.8088, 64.2227



56.9922, 64.8088, 60.7051



60.8327, 64.8088, 88.8537

Complementary

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



67.2597, 64.8088, 64.2227



70.2413, 79.7967, 93.3620

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.



58.0520, 64.8088, 84.9862



67.2597, 64.8088, 64.2227



55.8834, 64.8088, 68.3854

Square

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



67.2597, 64.8088, 64.2227



59.3422, 64.8088, 55.9674



56.2648, 64.8088, 77.3133



63.9119, 64.8088, 87.5046

Rectangle

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



67.2597, 64.8088, 64.2227



63.3985, 64.8088, 55.5200



56.2648, 64.8088, 77.3133



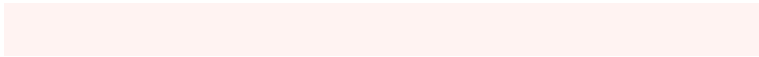
59.8335, 64.8088, 88.1103

Sweetspot

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



67.2615, 64.8117, 64.2241



89.2317, 91.5401, 97.1674



71.9705, 66.3194, 90.1798



18.9309, 19.3484, 20.4585



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.



67.2615, 64.8117, 64.2241



74.9621, 70.7722, 68.4529



71.8996, 74.0880, 65.7701



15.8063, 15.8257, 16.3713



19.7241, 10.2464, 0.9382



1.6526, 0.8758, 0.0820

Inverse Universe

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



70.2413, 79.7967, 93.3620



79.0094, 91.1263, 108.0326



65.0954, 69.5049, 91.6467



16.2095, 17.8530, 20.3133



24.6793, 35.5829, 50.6953



2.0643, 2.9827, 4.2211

Previews

White Background



This preview shows how the XYZ color 67.2597, 64.8088, 64.2227 looks on a white background.

Color Contrast Check

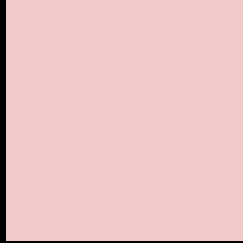
Large Text (above 18pt) WCAG AA × Fail

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 67.2597, 64.8088, 64.2227 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 67.2597, 64.8088, 64.2227

Background



This preview shows how black text looks on a background with the XYZ color 67.2597, 64.8088, 64.2227.



This preview shows how white text looks on a background with the XYZ color 67.2597, 64.8088,

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

67.2597, 64.8088, 64.2227

Protanopia

62.3849, 65.0999, 67.0351

Deuteranopia

66.3964, 65.0649, 64.3177



Tritanopia

69.1956, 64.9156, 73.1729

Trichromacy



Original Color

67.2597, 64.8088, 64.2227

Protanomaly

63.9524, 64.8326, 66.2700

Deuteranomaly

66.4906, 64.7618, 64.2542

Tritanomaly

68.4547, 64.9517, 69.9017

Monochromacy



Original Color

67.2597, 64.8088, 64.2227

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 67.2597, 64.8088, 64.2227 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(239, 202, 201) looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 202, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 202, 201) }
```

Border

The CSS property to change the border of an element to XYZ 67.2597, 64.8088, 64.2227 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(239, 202, 201) }
```


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

```
.border{ border-color:rgb(239, 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(239, 202, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 202, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 202, 201);  
box-shadow:4px 4px 4px 4px rgb(239, 202,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2597, 64.8088, 64.2227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 202, 201) }
```

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

```
.background{ background-color: rgb(239,  
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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