

Converting Colors

XYZ(66.4026, 63.9333, 60.9769)

Have a look what the booklet for
XYZ(66.4026, 63.9333, 60.9769)
contains.

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Color

**XYZ(66.4471, 64.1095,
61.0968)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC9C4
RGB	239, 201, 196
RGB Percent	94%, 79%, 77%
CMY	0.0627, 0.2117, 0.2314
CMYK	0.00, 0.16, 0.18, 0.06
HSL	7°, 57%, 85%
HSV	7°, 18%, 94%
XYZ	66.4471, 64.1095, 61.0968
YIQ	211.7920, 24.2530, 6.5010

Conversions

Conversions Part 2

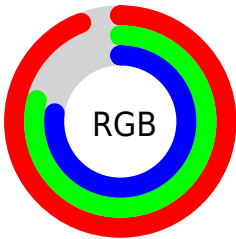
Format	Color
R _Y B	239, 202, 196
Decimal	15714756
CIE _{Lab}	84.02, 12.63, 7.49
CIE _{LCh}	84, 14.683, 30.677
Y _{xy}	64.1095, 0.3467, 0.3345
Android (android.graphics.Color)	4293904836 (0xFFEFC9C4)
Y _{UV}	211.7920, -7.7855, 23.8614
Hunter-Lab	80.0684, 8.0137, 10.8062

Details

The XYZ color **66.4471, 64.1095, 61.0968** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.7674, 76.8118, 92.9165**, and the grayscale version is **62.4814, 65.7353, 71.5857**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **34.8446, 32.8877, 30.1026** is the 20% darker color. If you saturate the color by 10%, you get **59.3515, 53.9302, 46.3622**, and if you desaturate by 10%, it is **74.6565, 75.8216, 78.3420**.

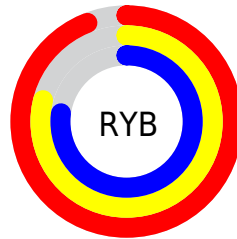
Distribution



Red (94%)

Green (79%)

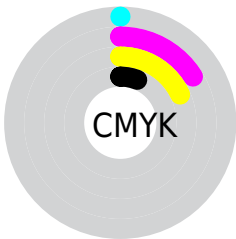
Blue (77%)



Red (94%)

Yellow (79%)

Blue (77%)

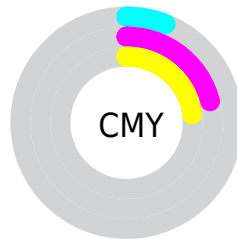


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (6%)



Cyan (6%)

Magenta (21%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4471, 64.1095, 61.0968 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 66.4471, 64.1095, 61.0968 by changing the saturation by 10% instead.

66.4471, 64.1095,
61.0968

66.4471, 64.1095,
61.0968

437.4376,
439.5850, 446.5452

48.9045, 46.7394,
43.8722

113.1820,
110.7686, 107.9780

34.7579, 32.8297,
30.2336

143.1050,
140.8264, 138.4717

23.6421, 21.9960,
19.7624

177.8854,
175.8822, 174.2255

15.1916, 13.8540,
12.0401

217.8887,
216.3204, 215.6579

9.0412, 8.0192,
6.6481

263.4803,
262.5253, 263.1876

4.8254, 4.1072,
3.1679

315.0254,

2.1789, 1.7337,

314.8815, 317.2330

1.1810

372.8894,
373.7732, 378.2127

■ 0.7316, 0.4453,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.4471, 64.1095,
61.0968

■ 66.4471, 64.1095,
61.0968

■ 59.3515, 53.9302,
46.3622

■ 74.6565, 75.8216,
78.3420

■ 53.3165, 45.2120,
34.0173

■ 84.0193, 89.1172,
98.2032

■ 48.2924, 37.8903,
23.9371

■ 89.4069, 97.0909,
108.6359

■ 44.2234, 31.8923,
15.9836

■ 41.0484, 27.1386,
10.0039

■ 38.6988, 23.5411,
5.8245

■ 37.0961, 21.0003,
3.2414

■ 36.1412, 19.3975,
1.9771

■ 36.0078, 19.1726,
1.8029

Harmonies

Analogous

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



67.3740, 64.1095, 69.5939



66.4471, 64.1095, 61.0968



64.0343, 64.1095, 55.3841

Triad

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



66.4471, 64.1095, 61.0968



55.6656, 64.1095, 61.4313



61.0078, 64.1095, 89.1944

Complementary

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



66.4471, 64.1095, 61.0968



67.7674, 76.8118, 92.9165

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.



57.9357, 64.1095, 86.5327



66.4471, 64.1095, 61.0968



54.9184, 64.1095, 70.0153

Square

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



66.4471, 64.1095, 61.0968



57.8126, 64.1095, 55.5648



55.7349, 64.1095, 79.3023



64.1661, 64.1095, 86.2898

Rectangle

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



66.4471, 64.1095, 61.0968



61.9483, 64.1095, 53.6465



55.7349, 64.1095, 79.3023



59.9311, 64.1095, 88.9189

Sweetspot

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



66.4489, 64.1124, 61.0981



89.5752, 92.2271, 97.2819



70.2894, 63.8123, 86.9833



19.0140, 19.5146, 20.4862



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.



66.4489, 64.1124, 61.0981



73.4712, 69.2469, 63.4656



71.6294, 74.4735, 62.8250



15.9209, 16.0550, 16.4095



19.9464, 10.6909, 1.0123



1.7073, 0.9854, 0.1002

Inverse Universe

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



67.7674, 76.8118, 92.9165



75.2891, 86.7734, 107.3885



62.1904, 65.6578, 91.0575



16.0812, 17.5965, 20.2705



21.5713, 29.3668, 49.6593



1.8386, 2.5312, 4.1459

Previews

White Background



This preview shows how the XYZ color 66.4471, 64.1095, 61.0968 looks on a white background.

Color Contrast Check

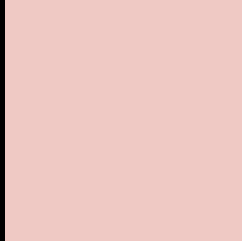
Large Text (above 18pt) WCAG AA × Fail

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 66.4471, 64.1095, 61.0968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

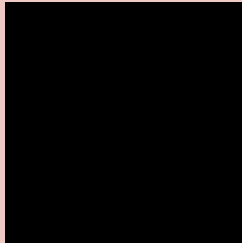
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4471, 64.1095, 61.0968

Background



This preview shows how black text looks on a background with the XYZ color 66.4471, 64.1095, 61.0968.



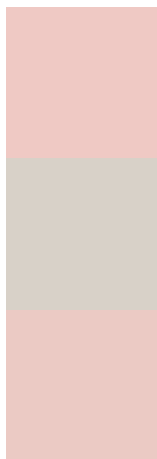
This preview shows how white text looks on a background with the XYZ color 66.4471, 64.1095,

61.0968.

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

66.4471, 64.1095, 61.0968

Protanopia

61.5447, 64.3700, 63.8245

Deuteranopia

65.3453, 63.8887, 61.1122



Tritanopia

68.6073, 63.9440, 72.3448

Trichromacy



Original Color

66.4471, 64.1095, 61.0968

Protanomaly

63.1206, 64.1134, 63.0811

Deuteranomaly

65.6764, 64.0594, 61.1277

Tritanomaly

67.6211, 63.8771, 67.7970

Monochromacy



Original Color

66.4471, 64.1095, 61.0968

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.8207, 65.0976, 67.5939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4471, 64.1095, 61.0968 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, 201, 196)` looks like.

```
.text, #text, p{  
    color:rgb(239, 201, 196)  
}
```

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, 201, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 201, 196) }
```

Border

The CSS property to change the border of an element to XYZ 66.4471, 64.1095, 61.0968 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, 201, 196) }
```


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

```
.border{ border-color:rgb(239, 201, 196) }
```

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

Here you see how a box with a 4 pixel rgb(239, 201, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 201, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 201, 196);  
box-shadow:4px 4px 4px 4px rgb(239, 201,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4471, 64.1095, 61.0968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 201, 196) }
```

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

```
.background{ background-color: rgb(239,  
201, 196) }
```

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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