

Converting Colors

XYZ(66.1740, 63.6104, 70.3353)

Have a look what the booklet for
XYZ(66.1740, 63.6104, 70.3353)
contains.

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Color

**XYZ(66.2488, 63.8001,
70.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C9D3
RGB	233, 201, 211
RGB Percent	91%, 79%, 83%
CMY	0.0863, 0.2117, 0.1725
CMYK	0.00, 0.14, 0.09, 0.09
HSL	341°, 42%, 85%
HSV	341°, 14%, 91%
XYZ	66.2488, 63.8001, 70.4510
YIQ	211.7080, 15.8620, 9.8940

Conversions

Conversions Part 2

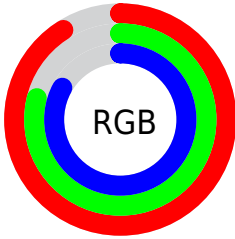
Format	Color
R_{YB}	233, 201, 211
Decimal	15321555
CIE _{Lab}	83.86, 12.88, -0.81
CIE _{LCh}	84, 12.907, 356.407
Yxy	63.8001, 0.3304, 0.3182
Android (android.graphics.Color)	4293511635 (0xFFE9C9D3)
YUV	211.7080, -0.3490, 18.6731
Hunter-Lab	79.8750, 8.2678, 3.6177

Details

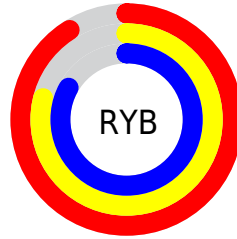
The XYZ color **66.2488, 63.8001, 70.4510** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.5481, 76.0247, 80.9825**, and the grayscale version is **62.3819, 65.6306, 71.4717**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6510, 32.6489, 36.3738** is the 20% darker color. If you saturate the color by 10%, you get **59.3146, 52.9868, 58.7195**, and if you desaturate by 10%, it is **74.2107, 76.3469, 83.5142**.

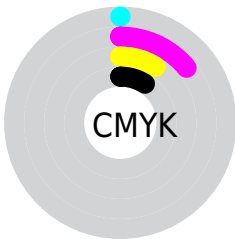
Distribution



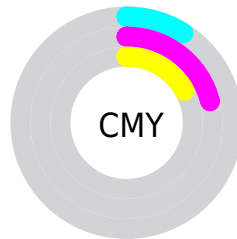
- Red (91%)
- Green (79%)
- Blue (83%)



- Red (91%)
- Yellow (79%)
- Blue (83%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (9%)





- Cyan (9%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2488, 63.8001, 70.4510 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 66.2488, 63.8001, 70.4510 by changing the saturation by 10% instead.


 66.2488, 63.8001,
70.4510

 66.2488, 63.8001,
70.4510


436.7408,
438.4674, 480.9638

 48.7429, 46.4888,
51.4152


112.8991,
110.3230, 121.5388

 34.6292, 32.6317,
36.1601


142.7742,
140.3034, 154.4280

 23.5426, 21.8445,
24.2672


177.5030,
175.2756, 192.7720

 15.1175, 13.7427,
15.3179

217.4509,
215.6239, 236.9894

 8.9888, 7.9419,
8.8937

262.9833,
261.7329, 287.4987

 4.7909, 4.0578,
4.5761

314.4655,

 2.1586, 1.7059,

313.9869, 344.7185

1.9464

372.2629,
372.7703, 409.0674

■ 0.7208, 0.4275,
0.5220

■ 0.0000, 0.0000,
0.0000

■ 66.2488, 63.8001,
70.4510

■ 66.2488, 63.8001,
70.4510

■ 59.3146, 52.9868,
58.7195

■ 74.2107, 76.3469,
83.5142

■ 53.3598, 43.8221,
48.2726

■ 83.2351, 90.6901,
97.9461

■ 48.3404, 36.2269,
39.0663

■ 87.4146, 96.0638,
108.5427

■ 44.2067, 30.1119,
31.0523

■ 40.9041, 25.3791,
24.1790

■ 38.3717, 21.9182,
18.3906

■ 36.5399, 19.6021,
13.6259

■ 35.3249, 18.2764,
9.8161

■ 34.8003, 17.8021,
7.8693

Harmonies

Analogous

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



65.2984, 63.8001, 78.4745



66.2488, 63.8001, 70.4510



65.6582, 63.8001, 62.7485

Triad

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



66.2488, 63.8001, 70.4510



58.2462, 63.8001, 56.3936



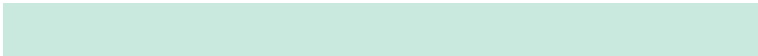
57.6718, 63.8001, 83.3103

Complementary

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



66.2488, 63.8001, 70.4510



66.5481, 76.0247, 80.9825

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.



55.8844, 63.8001, 76.6498



66.2488, 63.8001, 70.4510



56.2087, 63.8001, 61.1774

Square

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



66.2488, 63.8001, 70.4510



60.9825, 63.8001, 55.0132



55.3572, 63.8001, 68.4931



60.2989, 63.8001, 86.2547

Rectangle

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



66.2488, 63.8001, 70.4510



64.4797, 63.8001, 58.7560



55.3572, 63.8001, 68.4931



56.9560, 63.8001, 81.4076

Sweetspot

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



66.2506, 63.8029, 70.4524



90.7731, 93.2203, 102.0051



65.9872, 63.3263, 85.8369



19.2621, 19.6886, 21.5623



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.



66.2506, 63.8029, 70.4524



79.1950, 74.9975, 82.9363



66.4296, 66.1045, 64.5200



15.2593, 15.1316, 16.6507



19.7954, 10.1209, 4.7241



1.5964, 0.8115, 0.5918

Inverse Universe

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



66.2506, 63.8029, 70.4524



79.1950, 74.9975, 82.9363



66.3031, 73.3137, 87.7480



15.2593, 15.1316, 16.6507



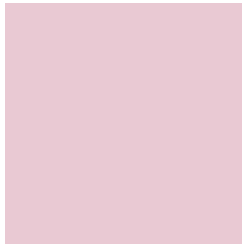
19.7954, 10.1209, 4.7241



1.5964, 0.8115, 0.5918

Previews

White Background



This preview shows how the XYZ color 66.2488, 63.8001, 70.4510 looks on a white background.

Color Contrast Check

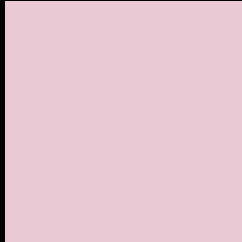
Large Text (above 18pt) WCAG AA × Fail

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 66.2488, 63.8001, 70.4510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

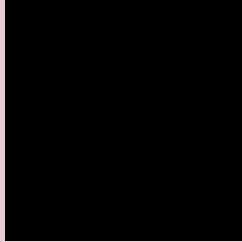
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2488, 63.8001, 70.4510

Background



This preview shows how black text looks on a background with the XYZ color 66.2488, 63.8001, 70.4510.



This preview shows how white text looks on a background with the XYZ color 66.2488, 63.8001,

70.4510.

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

66.2488, 63.8001, 70.4510

Protanopia

61.6856, 63.8669, 73.3663

Deuteranopia

65.4269, 64.0730, 70.5470



Tritanopia

66.9806, 63.7588, 73.7422

Trichromacy



Original Color

66.2488, 63.8001, 70.4510

Protanomaly

63.1823, 63.5778, 72.5600

Deuteranomaly

65.5115, 63.7672, 70.4835

Tritanomaly

66.7236, 63.6560, 72.3885

Monochromacy



Original Color

66.2488, 63.8001, 70.4510

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.9547, 65.0809, 71.4784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2488, 63.8001, 70.4510 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(233, 201, 211)` looks like.

```
.text, #text, p{  
    color:rgb(233, 201, 211)  
}
```

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(233, 201, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 201, 211) }
```

Border

The CSS property to change the border of an element to XYZ 66.2488, 63.8001, 70.4510 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(233, 201, 211) }
```


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

```
.border{ border-color:rgb(233, 201, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 201, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 201, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 201, 211);  
box-shadow:4px 4px 4px 4px rgb(233, 201,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2488, 63.8001, 70.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 201, 211) }
```

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

```
.background{ background-color: rgb(233,  
201, 211) }
```

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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