

Converting Colors

XYZ(68.8920, 66.5837, 70.7029)

Have a look what the booklet for
XYZ(68.8920, 66.5837, 70.7029)
contains.

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Color

**XYZ(68.8491, 66.5429,
70.8433)**

Conversions

Conversions Part 1

Format	Color
Hex	EECDD3
RGB	238, 205, 211
RGB Percent	93%, 80%, 83%
CMY	0.0667, 0.1961, 0.1725
CMYK	0.00, 0.14, 0.11, 0.07
HSL	349°, 49%, 87%
HSV	349°, 14%, 93%
XYZ	68.8491, 66.5429, 70.8433
YIQ	215.5510, 17.7420, 8.8620

Conversions

Conversions Part 2

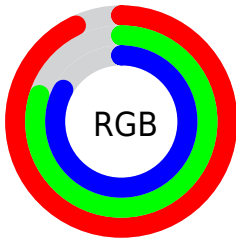
Format	Color
R _Y B	238, 205, 211
Decimal	15650259
CIE Lab	85.27, 12.53, 1.30
CIE LCh	85, 12.593, 5.941
Yxy	66.5429, 0.3338, 0.3227
Android (android.graphics.Color)	4293840339 (0xFFEECDD3)
YUV	215.5510, -2.2436, 19.6878
Hunter-Lab	81.5738, 7.9015, 5.6109

Details

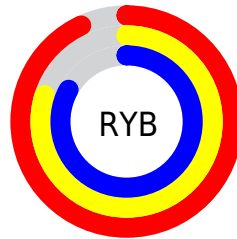
The XYZ color **68.8491, 66.5429, 70.8433** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.3195, 79.9562, 88.0747**, and the grayscale version is **64.9728, 68.3564, 74.4401**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4438, 34.5126, 36.6391** is the 20% darker color. If you saturate the color by 10%, you get **61.2879, 55.0935, 56.9982**, and if you desaturate by 10%, it is **77.5758, 79.8485, 86.5379**.

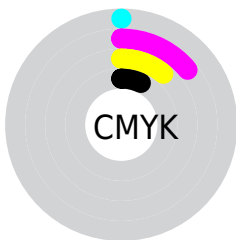
Distribution



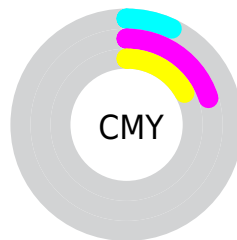
- Red (93%)
- Green (80%)
- Blue (83%)



- Red (93%)
- Yellow (80%)
- Blue (83%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (7%)



- Cyan (7%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.8491, 66.5429, 70.8433 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 68.8491, 66.5429, 70.8433 by changing the saturation by 10% instead.

68.8491, 66.5429,
70.8433

68.8491, 66.5429,
70.8433

445.8283,
448.3160, 482.3744

50.8650, 48.7132,
51.7333

116.6013,
114.2652, 122.1029

36.3218, 34.3921,
36.4117

147.1001,
144.9266, 155.0897

24.8541, 23.1950,
24.4602

182.5012,
180.6341, 193.5390

16.0965, 14.7375,
15.4600

223.1699,
221.7720, 237.8695

9.6838, 8.6354,
8.9926

269.4716,
268.7248, 288.4998

5.2504, 4.5041,
4.6396

321.7717,

2.4312, 1.9594,

321.8767, 345.8483

1.9824

380.4354,
381.6123, 410.3337

■ 0.8607, 0.5837,
0.5444

■ 0.0000, 0.0000,
0.0000

■ 68.8491, 66.5429,
70.8433

■ 68.8491, 66.5429,
70.8433

■ 61.2879, 55.0935,
56.9982

■ 77.5758, 79.8485,
86.5379

■ 54.8372, 45.4092,
44.9299

■ 87.5090, 95.0784,
104.1427

■ 49.4457, 37.4045,
34.5672

■ 89.0703, 96.9173,
108.6202

■ 45.0558, 30.9834,
25.8323

■ 41.6044, 26.0401,
18.6414

■ 39.0212, 22.4558,
12.9027

■ 37.2253, 20.0931,
8.5147

■ 36.1199, 18.7857,
5.3618

■ 35.7009, 18.3536,
3.9704

Harmonies

Analogous

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



68.3781, 66.5429, 79.0345



68.8491, 66.5429, 70.8433



67.7830, 66.5429, 63.6365

Triad

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



68.8491, 66.5429, 70.8433



60.0883, 66.5429, 60.4886



61.0417, 66.5429, 87.7319

Complementary

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



68.8491, 66.5429, 70.8433



70.3195, 79.9562, 88.0747

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.



58.9181, 66.5429, 82.0503



68.8491, 66.5429, 70.8433



58.3793, 66.5429, 66.2491

Square

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



68.8491, 66.5429, 70.8433



62.6821, 66.5429, 57.9534



57.9574, 66.5429, 74.0887



63.8153, 66.5429, 89.1914

Rectangle

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



68.8491, 66.5429, 70.8433



66.3624, 66.5429, 60.2271



57.9574, 66.5429, 74.0887



60.2308, 66.5429, 86.2327

Sweetspot

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



68.8510, 66.5459, 70.8447



90.5670, 93.1379, 100.9196



70.5285, 66.9862, 90.1022



19.2101, 19.6678, 21.2884



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.



68.8510, 66.5459, 70.8447



77.5518, 73.3145, 77.4461



70.6966, 71.4179, 67.8200



15.8901, 15.8057, 16.9774



19.9511, 10.2529, 2.3931



1.6923, 0.8660, 0.3707

Inverse Universe

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



68.8510, 66.5459, 70.8447



77.5518, 73.3145, 77.4461



68.2316, 74.3940, 91.6531



15.8901, 15.8057, 16.9774



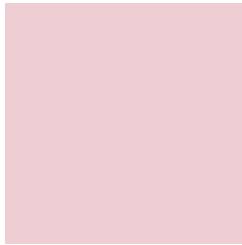
19.9511, 10.2529, 2.3931



1.6923, 0.8660, 0.3707

Previews

White Background



This preview shows how the XYZ color 68.8491, 66.5429, 70.8433 looks on a white background.

Color Contrast Check

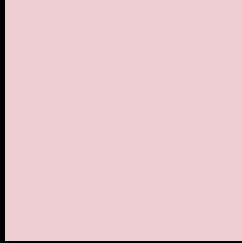
Large Text (above 18pt) WCAG AA × Fail

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 68.8491, 66.5429, 70.8433 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 68.8491, 66.5429, 70.8433

Background



This preview shows how black text looks on a background with the XYZ color 68.8491, 66.5429, 70.8433.



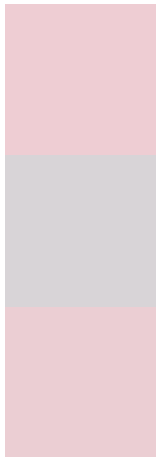
This preview shows how white text looks on a background with the XYZ color 68.8491, 66.5429,

70.8433.

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

68.8491, 66.5429, 70.8433

Protanopia

64.1281, 66.5922, 73.7636

Deuteranopia

68.0901, 66.5079, 70.8766



Tritanopia

70.1077, 66.7038, 76.8902

Trichromacy



Original Color

68.8491, 66.5429, 70.8433

Protanomaly

65.6785, 66.3033, 72.9545

Deuteranomaly

68.4212, 66.6786, 70.8921

Tritanomaly

69.7139, 66.5462, 74.8160

Monochromacy



Original Color

68.8491, 66.5429, 70.8433

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.4216, 67.7893, 73.2022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8491, 66.5429, 70.8433 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, 205, 211)` looks like.

```
.text, #text, p{  
    color:rgb(238, 205, 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(238, 205, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 205, 211) }
```

Border

The CSS property to change the border of an element to XYZ 68.8491, 66.5429, 70.8433 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, 205, 211) }
```


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

```
.border{ border-color:rgb(238, 205, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 205, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 205, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 205, 211);  
box-shadow:4px 4px 4px 4px rgb(238, 205,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8491, 66.5429, 70.8433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 205, 211) }
```

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

```
.background{ background-color: rgb(238,  
205, 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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