

Converting Colors

XYZ(70.3892, 67.0863, 86.2349)

Have a look what the booklet for
XYZ(70.3892, 67.0863, 86.2349)
contains.

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Color

**XYZ(70.4710, 67.0383,
86.3163)**

Conversions

Conversions Part 1

Format	Color
Hex	EACDE9
RGB	234, 205, 233
RGB Percent	92%, 80%, 91%
CMY	0.0823, 0.1961, 0.0863
CMYK	0.00, 0.12, 0.00, 0.08
HSL	302°, 41%, 86%
HSV	302°, 12%, 92%
XYZ	70.4710, 67.0383, 86.3163
YIQ	216.8630, 8.2960, 14.8560

Conversions

Conversions Part 2

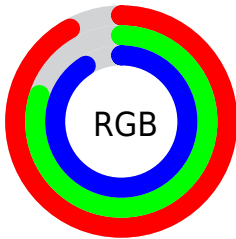
Format	Color
R_{YB}	234, 205, 233
Decimal	15388137
CIE _{Lab}	85.52, 14.94, -10.06
CIE _{LCh}	86, 18.014, 326.051
Yxy	67.0383, 0.3148, 0.2995
Android (android.graphics.Color)	4293578217 (0xFFEACDE9)
YUV	216.8630, 7.9555, 15.0291
Hunter-Lab	81.8769, 10.3493, -5.1909

Details

The XYZ color **70.4710, 67.0383, 86.3163** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.7428, 76.2829, 69.6551**, and the grayscale version is **65.8045, 69.2314, 75.3930**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3625, 34.7725, 46.3375** is the 20% darker color. If you saturate the color by 10%, you get **65.1725, 56.6244, 83.9833**, and if you desaturate by 10%, it is **76.6111, 79.1324, 88.9340**.

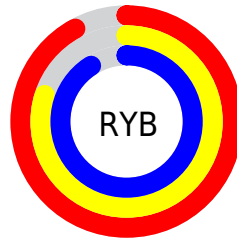
Distribution



Red (92%)

Green (80%)

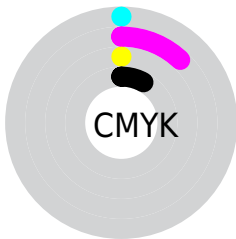
Blue (91%)



Red (92%)

Yellow (80%)

Blue (91%)

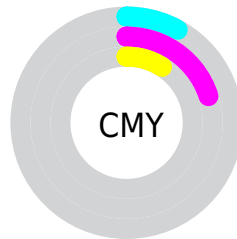


Cyan (0%)

Magenta (12%)

Yellow (0%)

Black (8%)



Cyan (8%)

Magenta (20%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4710, 67.0383, 86.3163 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 70.4710, 67.0383, 86.3163 by changing the saturation by 10% instead.

70.4710, 67.0383,
86.3163

70.4710, 67.0383,
86.3163

451.4427,
450.0811, 536.2314

52.1916, 49.1158,
64.3732

118.9028,
114.9753, 144.1012

37.3827, 34.7113,
46.5049

149.7859,
145.7585, 180.7801

25.6790, 23.4406,
32.2929

185.6009,
181.5974, 223.2080

16.7150, 14.9192,
21.3186

226.7133,
222.8764, 271.8034

10.1256, 8.7627,
13.1636

273.4883,
269.9799, 326.9850

5.5452, 4.5867,
7.4092

326.2913,

2.6086, 2.0069,

323.2922, 389.1711

3.6370

385.4876,
383.1978, 458.7804

■ 0.9503, 0.6115,
1.4284

■ 0.0000, 0.0000,
0.1637

■ 70.4710, 67.0383,
86.3163

■ 70.4710, 67.0383,
86.3163

■ 65.1725, 56.6244,
83.9833

■ 76.6111, 79.1324,
88.9340

■ 60.6726, 47.8079,
81.9184

■ 83.6215, 92.9675,
91.8436

■ 56.9335, 40.5121,
80.1097

■ 84.7487, 95.0353,
92.7947

■ 53.9120, 34.6505,
78.5427

■ 84.8659, 95.0822,
93.4117

■ 51.5604, 30.1281,
77.2016

■ 84.9836, 95.1292,
94.0316

■ 49.8255, 26.8383,
76.0687

■ 85.1018, 95.1765,
94.6543

■ 48.6459, 24.6582,
75.1235

■ 85.2206, 95.2241,
95.2797

■ 47.9477, 23.4399,
74.3413

■ 85.3399, 95.2718,
95.9080

■ 47.6501, 22.9799,
73.8257

■ 85.4598, 95.3197,
96.5390

Harmonies

Analogous

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



67.2366, 67.0383, 95.1700



70.4710, 67.0383, 86.3163



71.8951, 67.0383, 74.5566

Triad

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



70.4710, 67.0383, 86.3163



64.2614, 67.0383, 52.7397



56.9065, 67.0383, 83.3446

Complementary

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



70.4710, 67.0383, 86.3163



65.7428, 76.2829, 69.6551

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.



56.1855, 67.0383, 71.4521



70.4710, 67.0383, 86.3163



60.3242, 67.0383, 54.5607

Square

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



70.4710, 67.0383, 86.3163



68.2143, 67.0383, 55.8492



57.4106, 67.0383, 61.1170



59.4236, 67.0383, 93.3295

Rectangle

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



70.4710, 67.0383, 86.3163



71.5834, 67.0383, 66.9379



57.4106, 67.0383, 61.1170



56.4508, 67.0383, 79.4033

Sweetspot

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



70.4730, 67.0412, 86.3177



91.8253, 93.6412, 107.5459



62.1300, 62.7237, 86.6753



19.5287, 19.7953, 22.9661



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.



70.4730, 67.0412, 86.3177



83.8268, 77.8922, 104.1147



68.4901, 66.2480, 75.8760



15.6911, 15.3043, 18.9244



26.7866, 12.9173, 41.5388



2.1104, 1.0171, 3.2989

Inverse Universe

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



70.4730, 67.0412, 86.3177



83.8268, 77.8922, 104.1147



67.5822, 77.0186, 79.3411



15.6911, 15.3043, 18.9244



26.7866, 12.9173, 41.5388



2.1104, 1.0171, 3.2989

Previews

White Background



This preview shows how the XYZ color 70.4710, 67.0383, 86.3163 looks on a white background.

Color Contrast Check

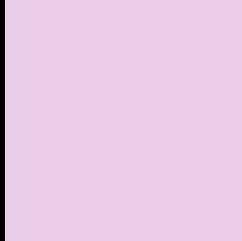
Large Text (above 18pt) WCAG AA × Fail

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 70.4710, 67.0383, 86.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

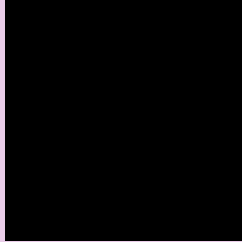
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.4710, 67.0383, 86.3163

Background



This preview shows how black text looks on a background with the XYZ color 70.4710, 67.0383, 86.3163.



This preview shows how white text looks on a background with the XYZ color 70.4710, 67.0383,

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

70.4710, 67.0383, 86.3163

Protanopia

65.8401, 67.1089, 90.3721

Deuteranopia

68.4854, 67.1067, 85.6872



Tritanopia

69.2364, 67.2770, 79.1486

Trichromacy



Original Color

70.4710, 67.0383, 86.3163

Protanomaly

67.1542, 66.7171, 88.6952

Deuteranomaly

69.1914, 67.1099, 85.6506

Tritanomaly

69.5407, 67.0123, 81.9425

Monochromacy



Original Color

70.4710, 67.0383, 86.3163

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.5450, 68.6042, 79.4940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4710, 67.0383, 86.3163 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(234, 205, 233)` looks like.

```
.text, #text, p{  
    color:rgb(234, 205, 233)  
}
```

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(234, 205, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 205, 233) }
```

Border

The CSS property to change the border of an element to XYZ 70.4710, 67.0383, 86.3163 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(234, 205, 233) }
```


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

```
.border{ border-color:rgb(234, 205, 233) }
```

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

Here you see how a box with a 4 pixel rgb(234, 205, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 205, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 205, 233);  
box-shadow:4px 4px 4px 4px rgb(234, 205,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4710, 67.0383, 86.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 205, 233) }
```

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

```
.background{ background-color: rgb(234,  
205, 233) }
```

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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