

Converting Colors

XYZ(70.0437, 67.0088, 65.8572)

Have a look what the booklet for
XYZ(70.0437, 67.0088, 65.8572)
contains.

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Color

**XYZ(70.0285, 66.9100,
65.7239)**

Conversions

Conversions Part 1

Format	Color
Hex	F5CCCB
RGB	245, 204, 203
RGB Percent	96%, 80%, 80%
CMY	0.0392, 0.2000, 0.2039
CMYK	0.00, 0.17, 0.17, 0.04
HSL	1°, 68%, 88%
HSV	1°, 17%, 96%
XYZ	70.0285, 66.9100, 65.7239
YIQ	216.1450, 24.7570, 8.3810

Conversions

Conversions Part 2

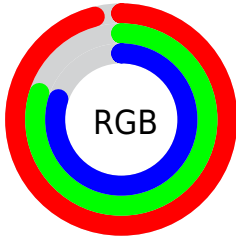
Format	Color
R _Y B	245, 204, 203
Decimal	16108747
CIE Lab	85.46, 14.27, 5.90
CIE LCh	85, 15.446, 22.469
Yxy	66.9100, 0.3455, 0.3302
Android (android.graphics.Color)	4294298827 (0xFFF5CCCB)
YUV	216.1450, -6.4805, 25.3058
Hunter-Lab	81.7985, 9.6681, 9.6203

Details

The XYZ color **70.0285, 66.9100, 65.7239** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.4600, 83.9883, 98.7263**, and the grayscale version is **65.4015, 68.8075, 74.9314**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0702, 34.6740, 33.1727** is the 20% darker color. If you saturate the color by 10%, you get **62.0825, 55.3268, 49.7909**, and if you desaturate by 10%, it is **79.3123, 80.4292, 84.3806**.

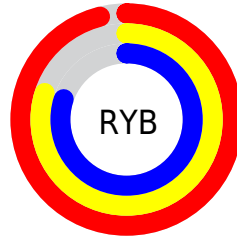
Distribution



Red (96%)

Green (80%)

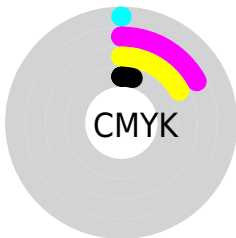
Blue (80%)



Red (96%)

Yellow (80%)

Blue (80%)

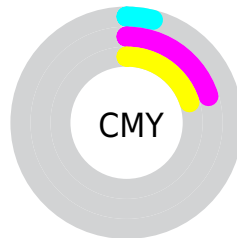


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (4%)



Cyan (4%)

Magenta (20%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0285, 66.9100, 65.7239 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 70.0285, 66.9100, 65.7239 by changing the saturation by 10% instead.

70.0285, 66.9100,
65.7239

70.0285, 66.9100,
65.7239

449.9149,
449.6243, 463.7660

51.8294, 49.0115,
47.5932

118.2754,
114.7914, 114.7132

37.0929, 34.6286,
33.1472

149.0540,
145.5432, 146.4089

25.4534, 23.3769,
21.9672

184.7565,
181.3481, 183.4634

16.5457, 14.8721,
13.6347

225.7483,
222.5906, 226.2951

10.0044, 8.7296,
7.7312

272.3947,
269.6551, 275.3227

5.4642, 4.5653,
3.8381

325.0610,

2.5596, 1.9945,

322.9259, 330.9647

1.5370

384.1126,
382.7876, 393.6397

■ 0.9254, 0.6043,
0.2452

■ 0.0000, 0.0000,
0.0000

■ 70.0285, 66.9100,
65.7239

■ 70.0285, 66.9100,
65.7239

■ 62.0825, 55.3268,
49.7909

■ 79.3123, 80.4292,
84.3806

■ 55.4076, 45.5824,
36.4504

■ 89.9856, 95.9576,
105.8756

■ 49.9393, 37.5851,
25.5665

■ 91.4664, 98.1526,
108.7323

■ 45.6058, 31.2316,
16.9895

■ 42.3272, 26.4077,
10.5532

■ 40.0136, 22.9848,
6.0691

■ 38.5598, 20.8130,
3.3162

■ 37.8348, 19.7080,
2.0109

■ 37.7200, 19.5398,
1.7835

Harmonies

Analogous

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



70.5131, 66.9100, 75.4123



70.0285, 66.9100, 65.7239



67.7900, 66.9100, 58.5957

Triad

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



70.0285, 66.9100, 65.7239



58.4003, 66.9100, 61.7180



62.7169, 66.9100, 93.7099

Complementary

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



70.0285, 66.9100, 65.7239



73.4600, 83.9883, 98.7263

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.



59.5785, 66.9100, 89.2550



70.0285, 66.9100, 65.7239



57.1466, 66.9100, 70.3535

Square

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



70.0285, 66.9100, 65.7239



61.0551, 66.9100, 56.4353



57.5699, 66.9100, 80.4812



66.2063, 66.9100, 92.1823

Rectangle

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



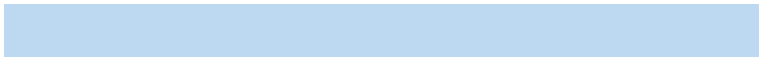
70.0285, 66.9100, 65.7239



65.6474, 66.9100, 55.9569



57.5699, 66.9100, 80.4812



61.5877, 66.9100, 92.8493

Sweetspot

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



70.0303, 66.9130, 65.7253



89.2222, 91.5210, 97.1642



75.3875, 68.6751, 95.1097



18.9286, 19.3438, 20.4577



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

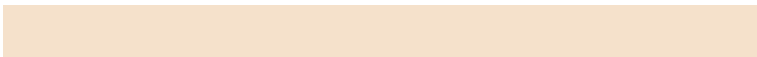
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.0303, 66.9130, 65.7253



73.1281, 68.0831, 64.8234



75.2805, 77.4133, 67.4754



16.5309, 16.5459, 17.1200



20.3345, 10.5546, 0.9655



1.7982, 0.9496, 0.0885

Inverse Universe

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



73.4600, 83.9883, 98.7263



77.6113, 90.4055, 107.9672



67.5787, 72.2257, 96.7658



16.9607, 18.6858, 21.2554



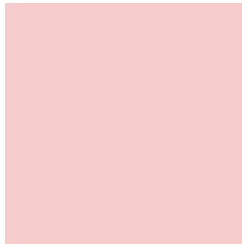
25.5450, 36.8837, 52.3109



2.2557, 3.2629, 4.6011

Previews

White Background



This preview shows how the XYZ color 70.0285, 66.9100, 65.7239 looks on a white background.

Color Contrast Check

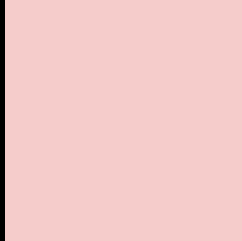
Large Text (above 18pt) WCAG AA × Fail

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 70.0285, 66.9100, 65.7239 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 70.0285, 66.9100, 65.7239

Background



This preview shows how black text looks on a background with the XYZ color 70.0285, 66.9100, 65.7239.

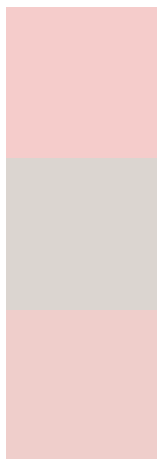


This preview shows how white text looks on a background with the XYZ color 70.0285, 66.9100,

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

70.0285, 66.9100, 65.7239

Protanopia

64.3928, 67.2026, 69.2520

Deuteranopia

68.4474, 66.8051, 65.7870



Tritanopia

72.0027, 67.0250, 74.7878

Trichromacy



Original Color

70.0285, 66.9100, 65.7239

Protanomaly

66.1821, 67.0434, 67.8450

Deuteranomaly

68.8864, 66.6752, 65.7388

Tritanomaly

71.2456, 67.0582, 71.4758

Monochromacy



Original Color

70.0285, 66.9100, 65.7239

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.9799, 68.1210, 71.2465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0285, 66.9100, 65.7239 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(245, 204, 203) looks like.

```
.text, #text, p{  
    color:rgb(245, 204, 203)  
}
```

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(245, 204, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 204, 203) }
```

Border

The CSS property to change the border of an element to XYZ 70.0285, 66.9100, 65.7239 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(245, 204, 203) }
```


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

```
.border{ border-color:rgb(245, 204, 203) }
```

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

Here you see how a box with a 4 pixel rgb(245, 204, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 204, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 204, 203);  
box-shadow:4px 4px 4px 4px rgb(245, 204,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0285, 66.9100, 65.7239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 204, 203) }
```

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

```
.background{ background-color: rgb(245,  
204, 203) }
```

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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