

Converting Colors

XYZ(70.1122, 69.3686, 66.3729)

Have a look what the booklet for
XYZ(70.1122, 69.3686, 66.3729)
contains.

XYZ(70.0089, 69.4256, 66.2105)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.0089, 69.4256,
66.2105)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D3CB
RGB	240, 211, 203
RGB Percent	94%, 83%, 80%
CMY	0.0588, 0.1725, 0.2039
CMYK	0.00, 0.12, 0.15, 0.06
HSL	13°, 55%, 87%
HSV	13°, 15%, 94%
XYZ	70.0089, 69.4256, 66.2105
YIQ	218.7590, 19.8520, 3.6600

Conversions

Conversions Part 2

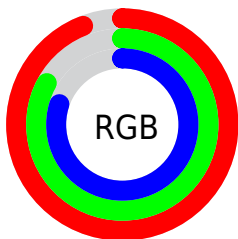
Format	Color
R _Y B	240, 213, 203
Decimal	15782859
CIE Lab	86.71, 8.82, 7.65
CIE LCh	87, 11.676, 40.952
Yxy	69.4256, 0.3404, 0.3376
Android (android.graphics.Color)	4293972939 (0xFFFF0D3CB)
YUV	218.7590, -7.7692, 18.6284
Hunter-Lab	83.3220, 4.1659, 11.2116

Details

The XYZ color **70.0089, 69.4256, 66.2105** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.2128, 76.6992, 93.5951**, and the grayscale version is **67.2090, 70.7091, 77.0022**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0804, 36.1372, 33.4546** is the 20% darker color. If you saturate the color by 10%, you get **62.9654, 59.5664, 50.8274**, and if you desaturate by 10%, it is **78.0458, 80.5616, 84.1107**.

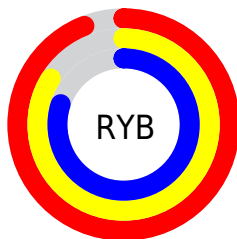
Distribution



Red (94%)

Green (83%)

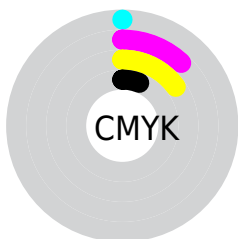
Blue (80%)



Red (94%)

Yellow (84%)

Blue (80%)

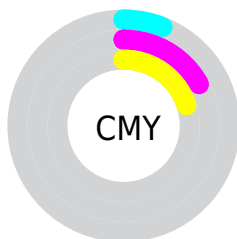


Cyan (0%)

Magenta (12%)

Yellow (15%)

Black (6%)



Cyan (6%)

Magenta (17%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0089, 69.4256, 66.2105 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 70.0089, 69.4256, 66.2105 by changing the saturation by 10% instead.

70.0089, 69.4256,
66.2105

70.0089, 69.4256,
66.2105

449.8472,
458.5306, 465.5541

51.8134, 51.0584,
47.9857

118.2476,
118.3893, 115.4183

37.0800, 36.2551,
33.4557

149.0216,
149.7545, 147.2384

25.4434, 24.6313,
22.2018

184.7191,
186.2212, 184.4274

16.5382, 15.8026,
13.8055

225.7055,
228.1738, 227.4037

9.9991, 9.3845,
7.8483

272.3462,
275.9966, 276.5861

5.4606, 4.9928,
3.9117

325.0064,

2.5575, 2.2431,

330.0741, 332.3929

1.5770

384.0516,
390.7906, 395.2427

■ 0.9243, 0.7433,
0.2743

■ 0.0000, 0.0000,
0.0000

■ 70.0089, 69.4256,
66.2105

■ 70.0089, 69.4256,
66.2105

■ 62.9654, 59.5664,
50.8274

■ 78.0458, 80.5616,
84.1107

■ 56.8704, 50.9290,
37.8438

■ 87.1071, 93.0082,
104.6295

■ 51.6842, 43.4680,
27.1393

■ 89.7454, 97.2654,
108.6517

■ 47.3617, 37.1317,
18.5812

■ 43.8542, 31.8647,
12.0230

■ 41.1074, 27.6062,
7.2998

■ 39.0601, 24.2894,
4.2198

■ 37.6402, 21.8384,
2.5480

■ 37.1599, 20.9744,
2.0899

Harmonies

Analogous

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



71.2463, 69.4256, 72.7875



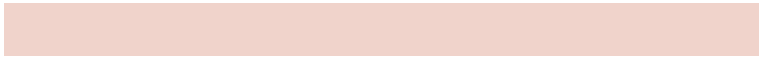
70.0089, 69.4256, 66.2105



67.7054, 69.4256, 62.3224

Triad

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



70.0089, 69.4256, 66.2105



61.1742, 69.4256, 70.8174



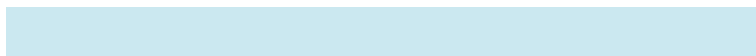
66.9838, 69.4256, 91.2424

Complementary

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



70.0089, 69.4256, 66.2105



69.2128, 76.6992, 93.5951

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.



64.2978, 69.4256, 90.6244



70.0089, 69.4256, 66.2105



60.9930, 69.4256, 78.4690

Square

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



70.0089, 69.4256, 66.2105



62.6240, 69.4256, 64.8535



62.1221, 69.4256, 85.8218



69.4681, 69.4256, 87.4564

Rectangle

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



70.0089, 69.4256, 66.2105



65.9002, 69.4256, 61.6072



62.1221, 69.4256, 85.8218



66.0737, 69.4256, 91.5491

Sweetspot

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



70.0108, 69.4287, 66.2120



89.9595, 92.9957, 97.4100



71.9427, 67.0984, 85.9516



19.1070, 19.7008, 20.5172



0.0000, 0.0000, 0.0000



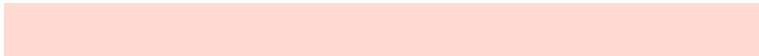
20.3446, 21.4041, 23.3091

Same Dimension

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



70.0108, 69.4287, 66.2120



78.1004, 76.5471, 71.0453



74.7070, 78.8211, 67.7774



16.0500, 16.3131, 16.4525



20.4209, 11.6398, 1.1704



1.7696, 1.1099, 0.1210

Inverse Universe

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



69.2128, 76.6992, 93.5951



77.0464, 86.1371, 107.1731



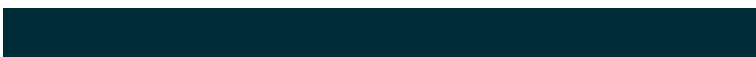
64.4295, 67.1324, 92.0006



15.9403, 17.3147, 20.2235



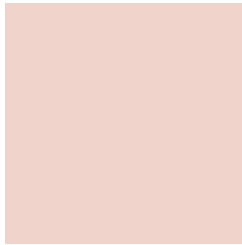
18.5649, 23.3541, 48.6572



1.6156, 2.0851, 4.0715

Previews

White Background



This preview shows how the XYZ color 70.0089, 69.4256, 66.2105 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 70.0089, 69.4256, 66.2105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

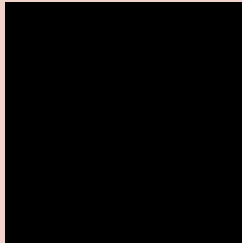
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.0089, 69.4256, 66.2105

Background



This preview shows how black text looks on a background with the XYZ color 70.0089, 69.4256, 66.2105.

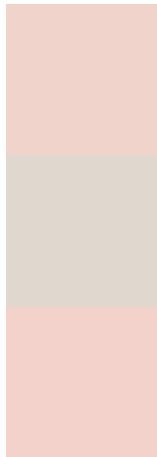


This preview shows how white text looks on a background with the XYZ color 70.0089, 69.4256,

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

70.0089, 69.4256, 66.2105

Protanopia

66.4369, 69.4153, 68.2894

Deuteranopia

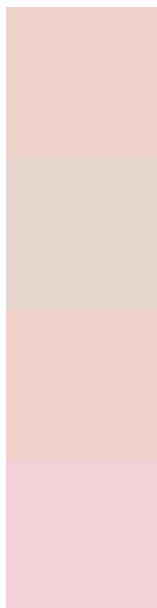
70.7882, 69.4597, 66.1760



Tritanopia

72.9726, 69.5483, 80.0991

Trichromacy



Original Color

70.0089, 69.4256, 66.2105

Protanomaly

67.6991, 69.3239, 67.5703

Deuteranomaly

70.4440, 69.2822, 66.1599

Tritanomaly

71.8131, 69.4360, 74.5833

Monochromacy



Original Color

70.0089, 69.4256, 66.2105

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.2447, 70.2467, 72.9129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0089, 69.4256, 66.2105 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(240, 211, 203)` looks like.

```
.text, #text, p{  
    color:rgb(240, 211, 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(240, 211, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 211, 203) }
```

Border

The CSS property to change the border of an element to XYZ 70.0089, 69.4256, 66.2105 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(240, 211, 203) }
```


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

```
.border{ border-color:rgb(240, 211, 203) }
```

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

Here you see how a box with a 4 pixel rgb(240, 211, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 211, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 211, 203);  
box-shadow:4px 4px 4px 4px rgb(240, 211,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0089, 69.4256, 66.2105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 211, 203) }
```

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

```
.background{ background-color: rgb(240,  
211, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor