

Converting Colors

XYZ(69.5178, 69.4080, 68.7662)

Have a look what the booklet for
XYZ(69.5178, 69.4080, 68.7662)
contains.

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Color

**XYZ(69.7310, 69.5965,
68.7897)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD4CF
RGB	237, 212, 207
RGB Percent	93%, 83%, 81%
CMY	0.0706, 0.1686, 0.1882
CMYK	0.00, 0.11, 0.13, 0.07
HSL	10°, 45%, 87%
HSV	10°, 13%, 93%
XYZ	69.7310, 69.5965, 68.7897
YIQ	218.9050, 16.5050, 3.7450

Conversions

Conversions Part 2

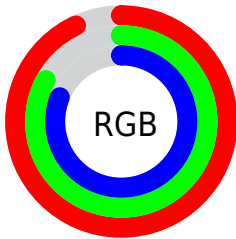
Format	Color
R _Y B	237, 213, 207
Decimal	15586511
CIE Lab	86.80, 7.86, 5.63
CIE LCh	87, 9.663, 35.603
Yxy	69.5965, 0.3351, 0.3344
Android (android.graphics.Color)	4293776591 (0xFFEDD4CF)
YUV	218.9050, -5.8692, 15.8693
Hunter-Lab	83.4245, 3.2076, 9.5082

Details

The XYZ color **69.7310, 69.5965, 68.7897** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.8744, 77.0914, 91.3187**, and the grayscale version is **67.2991, 70.8039, 77.1054**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8628, 36.2376, 35.1887** is the 20% darker color. If you saturate the color by 10%, you get **62.4106, 59.2493, 53.1113**, and if you desaturate by 10%, it is **78.0940, 81.3312, 86.9630**.

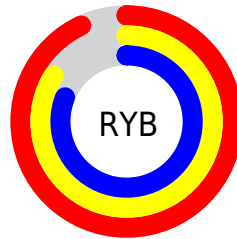
Distribution



Red (93%)

Green (83%)

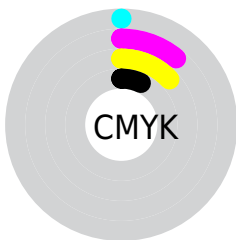
Blue (81%)



Red (93%)

Yellow (84%)

Blue (81%)

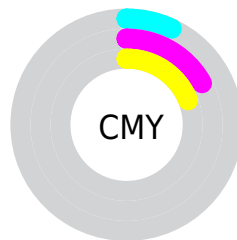


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (7%)



Cyan (7%)

Magenta (17%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7310, 69.5965, 68.7897 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 69.7310, 69.5965, 68.7897 by changing the saturation by 10% instead.

69.7310, 69.5965,
68.7897

69.7310, 69.5965,
68.7897

448.8861,
459.1320, 474.9627

51.5861, 51.1977,
50.0698

117.8534,
118.6332, 119.1460

36.8982, 36.3659,
35.0973

148.5616,
150.0398, 151.6195

25.3020, 24.7169,
23.4537

184.1883,
186.5511, 189.5146

16.4321, 15.8663,
14.7204

225.0988,
228.5515, 233.2498

9.9232, 9.4296,
8.4790

271.6585,
276.4254, 283.2436

5.4100, 5.0224,
4.3108

324.2327,

2.5270, 2.2604,

330.5571, 339.9147

1.7973

383.1868,
391.3312, 403.6816

■ 0.9089, 0.7526,
0.4262

■ 0.0000, 0.0000,
0.0000

■ 69.7310, 69.5965,
68.7897

■ 69.7310, 69.5965,
68.7897

■ 62.4106, 59.2493,
53.1113

■ 78.0940, 81.3312,
86.9630

■ 56.0859, 50.2294,
39.8143

■ 87.5324, 94.4927,
107.7290

■ 50.7152, 42.4854,
28.7833

■ 88.7353, 96.7447,
108.6045

■ 46.2514, 35.9594,
19.8912

■ 42.6432, 30.5888,
12.9984

■ 39.8344, 26.3054,
7.9488

■ 37.7614, 23.0337,
4.5628

■ 36.3504, 20.6878,
2.6242

■ 35.6685, 19.4911,
1.8822

Harmonies

Analogous

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



70.5507, 69.5965, 74.5751



69.7310, 69.5965, 68.7897



67.9532, 69.5965, 65.0421

Triad

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



69.7310, 69.5965, 68.7897



62.2858, 69.5965, 70.7735



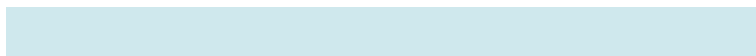
66.5728, 69.5965, 88.7956

Complementary

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



69.7310, 69.5965, 68.7897



69.8744, 77.0914, 91.3187

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.



64.3778, 69.5965, 87.6363



69.7310, 69.5965, 68.7897



61.9350, 69.5965, 76.9953

Square

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



69.7310, 69.5965, 68.7897



63.6617, 69.5965, 66.1412



62.6926, 69.5965, 83.2259



68.7010, 69.5965, 86.3098

Rectangle

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



69.7310, 69.5965, 68.7897



66.4818, 69.5965, 64.0803



62.6926, 69.5965, 83.2259



65.8181, 69.5965, 88.8208

Sweetspot

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



69.7329, 69.5996, 68.7912



90.7994, 94.0574, 99.5955



71.8041, 68.4573, 85.7737



19.2686, 19.8994, 20.9548



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.



69.7329, 69.5996, 68.7912



80.1545, 79.1019, 76.5189



73.6574, 77.4485, 70.0993



15.2685, 15.4600, 15.6981



19.5372, 10.7686, 1.0488



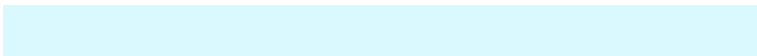
1.5942, 0.9658, 0.1024

Inverse Universe

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



69.8744, 77.0914, 91.3187



80.3492, 89.4497, 107.6384



65.8319, 69.0064, 89.9713



15.2914, 16.6692, 19.3338



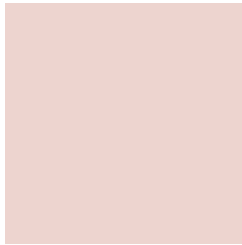
19.3879, 25.4227, 47.6282



1.5792, 2.1098, 3.7589

Previews

White Background



This preview shows how the XYZ color 69.7310, 69.5965, 68.7897 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 69.7310, 69.5965, 68.7897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

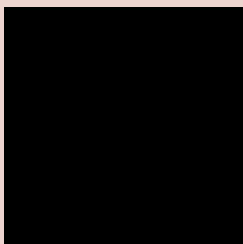
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

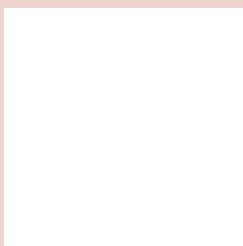
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.7310, 69.5965, 68.7897

Background



This preview shows how black text looks on a background with the XYZ color 69.7310, 69.5965, 68.7897.

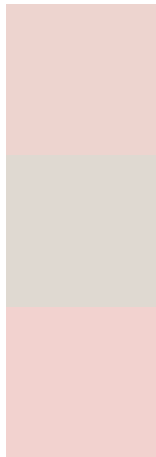


This preview shows how white text looks on a background with the XYZ color 69.7310, 69.5965,

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

69.7310, 69.5965, 68.7897

Protanopia

66.7529, 69.9171, 70.2987

Deuteranopia

70.9270, 69.4754, 68.7033



Tritanopia

72.1245, 69.4426, 81.5539

Trichromacy



Original Color

69.7310, 69.5965, 68.7897

Protanomaly

67.6805, 69.6489, 69.5509

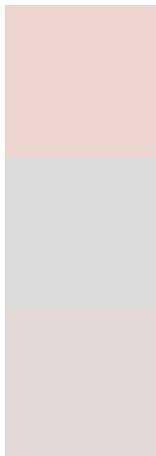
Deuteranomaly

70.4919, 69.6188, 68.7539

Tritanomaly

71.0927, 69.3848, 76.6635

Monochromacy



Original Color

69.7310, 69.5965, 68.7897

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.1856, 70.1868, 74.2436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7310, 69.5965, 68.7897 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(237, 212, 207)` looks like.

```
.text, #text, p{  
    color:rgb(237, 212, 207)  
}
```

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(237, 212, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 212, 207) }
```

Border

The CSS property to change the border of an element to XYZ 69.7310, 69.5965, 68.7897 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(237, 212, 207) }
```


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

```
.border{ border-color:rgb(237, 212, 207) }
```

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

Here you see how a box with a 4 pixel rgb(237, 212, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 212, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 212, 207);  
box-shadow:4px 4px 4px 4px rgb(237, 212,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7310, 69.5965, 68.7897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 212, 207) }
```

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

```
.background{ background-color: rgb(237,  
212, 207) }
```

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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