

Converting Colors

XYZ(69.6569, 68.2508, 69.1368)

Have a look what the booklet for
XYZ(69.6569, 68.2508, 69.1368)
contains.

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Color

**XYZ(69.5376, 68.0165,
69.1380)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD0D0
RGB	239, 208, 208
RGB Percent	94%, 82%, 82%
CMY	0.0627, 0.1843, 0.1843
CMYK	0.00, 0.13, 0.13, 0.06
HSL	0°, 49%, 88%
HSV	0°, 13%, 94%
XYZ	69.5376, 68.0165, 69.1380
YIQ	217.2690, 18.4760, 6.5720

Conversions

Conversions Part 2

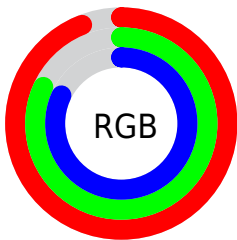
Format	Color
R _Y B	239, 208, 208
Decimal	15716560
CIE Lab	86.01, 10.82, 3.98
CIE LCh	86, 11.529, 20.221
Yxy	68.0165, 0.3364, 0.3291
Android (android.graphics.Color)	4293906640 (0xFFEFD0D0)
YUV	217.2690, -4.5696, 19.0581
Hunter-Lab	82.4721, 6.1787, 8.0265

Details

The XYZ color **69.5376, 68.0165, 69.1380** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.4585, 81.3732, 93.5496**, and the grayscale version is **66.1608, 69.6063, 75.8013**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9168, 35.5116, 35.4805** is the 20% darker color. If you saturate the color by 10%, you get **61.4224, 56.1420, 53.0024**, and if you desaturate by 10%, it is **78.9776, 81.8298, 87.9028**.

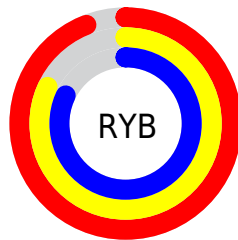
Distribution



Red (94%)

Green (82%)

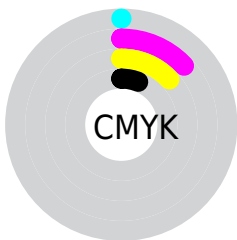
Blue (82%)



Red (94%)

Yellow (82%)

Blue (82%)

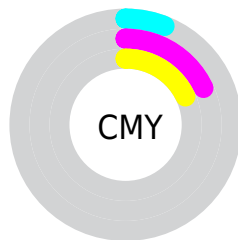


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (6%)



Cyan (6%)

Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5376, 68.0165, 69.1380 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 69.5376, 68.0165, 69.1380 by changing the saturation by 10% instead.

69.5376, 68.0165,
69.1380

69.5376, 68.0165,
69.1380

448.2165,
453.5545, 476.2247

51.4279, 49.9112,
50.3517

117.5790,
116.3757, 119.6482

36.7717, 35.3428,
35.3198

148.2413,
147.3984, 152.2092

25.2036, 23.9271,
23.6238

183.8186,
183.4957, 190.1987

16.3584, 15.2795,
14.8452

224.6762,
225.0519, 234.0354

9.8705, 9.0158,
8.5654

271.1795,
272.4515, 284.1379

5.3748, 4.7515,
4.3659

323.6937,

2.5058, 2.1022,

326.0789, 340.9245

1.8281

382.5843,
386.3184, 404.8139

■ 0.8982, 0.6659,
0.4464

■ 0.0000, 0.0000,
0.0000

■ 69.5376, 68.0165,
69.1380

■ 69.5376, 68.0165,
69.1380

■ 61.4224, 56.1420,
53.0024

■ 78.9776, 81.8298,
87.9028

■ 54.5673, 46.1112,
39.3745

■ 89.4069, 97.0909,
108.6359

■ 48.9109, 37.8342,
28.1298

■ 44.3843, 31.2105,
19.1315

■ 40.9118, 26.1291,
12.2289

■ 38.4083, 22.4655,
7.2526

■ 36.7755, 20.0760,
4.0073

■ 35.8943, 18.7864,
2.2565

■ 35.5972, 18.3516,
1.6660

Harmonies

Analogous

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



69.7894, 68.0165, 76.5596



69.5376, 68.0165, 69.1380



67.9561, 68.0165, 63.4208

Triad

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



69.5376, 68.0165, 69.1380



60.8179, 68.0165, 65.1258



63.7878, 68.0165, 89.3569

Complementary

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



69.5376, 68.0165, 69.1380



72.4585, 81.3732, 93.5496

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.



61.4484, 68.0165, 85.8236



69.5376, 68.0165, 69.1380



59.7649, 68.0165, 71.6123

Square

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



69.5376, 68.0165, 69.1380



62.9059, 68.0165, 61.2162



59.9925, 68.0165, 79.2069



66.4212, 68.0165, 88.5817

Rectangle

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



69.5376, 68.0165, 69.1380



66.3837, 68.0165, 61.1824



59.9925, 68.0165, 79.2069



62.9421, 68.0165, 88.6250

Sweetspot

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



69.5395, 68.0195, 69.1394



90.2833, 93.0251, 99.4234



73.7332, 69.6954, 91.2284



19.1386, 19.6394, 20.9115



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.



69.5395, 68.0195, 69.1394



77.5018, 74.3225, 74.0132



73.5040, 75.9486, 70.4609



15.7730, 15.7592, 16.3602



19.6717, 10.1416, 0.9207



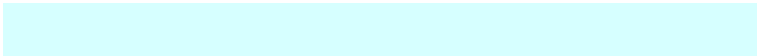
1.6366, 0.8438, 0.0766

Inverse Universe

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



72.4585, 81.3732, 93.5496



81.5982, 93.0627, 108.2700



68.1147, 72.6857, 92.1017



16.2472, 17.9286, 20.3259



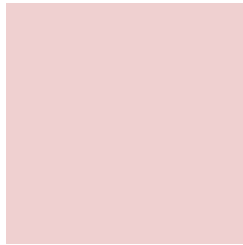
25.6622, 37.5487, 51.0230



2.1349, 3.1238, 4.2447

Previews

White Background



This preview shows how the XYZ color 69.5376, 68.0165, 69.1380 looks on a white background.

Color Contrast Check

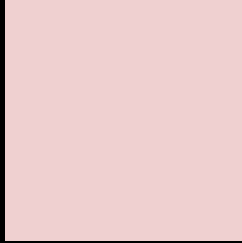
Large Text (above 18pt) WCAG AA × Fail

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 69.5376, 68.0165, 69.1380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

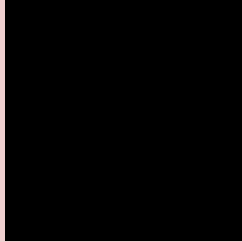
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5376, 68.0165, 69.1380

Background



This preview shows how black text looks on a background with the XYZ color 69.5376, 68.0165, 69.1380.



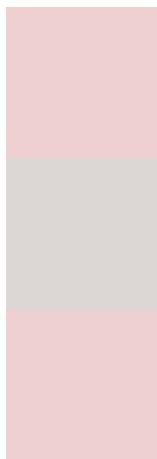
This preview shows how white text looks on a background with the XYZ color 69.5376, 68.0165,

69.1380.

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

69.5376, 68.0165, 69.1380

Protanopia

65.4454, 68.0622, 71.9753

Deuteranopia

69.5376, 68.0165, 69.1380



Tritanopia

71.5318, 68.1173, 78.4851

Trichromacy



Original Color

69.5376, 68.0165, 69.1380

Protanomaly

66.9799, 68.1210, 71.2465

Deuteranomaly

69.5376, 68.0165, 69.1380

Tritanomaly

70.7724, 68.1607, 75.0719

Monochromacy



Original Color

69.5376, 68.0165, 69.1380

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.2355, 68.9557, 73.3844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5376, 68.0165, 69.1380 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(239, 208, 208)` looks like.

```
.text, #text, p{  
    color:rgb(239, 208, 208)  
}
```

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(239, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 208, 208) }
```

Border

The CSS property to change the border of an element to XYZ 69.5376, 68.0165, 69.1380 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(239, 208, 208) }
```


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

```
.border{ border-color:rgb(239, 208, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 208, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 208, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 208, 208);  
box-shadow:4px 4px 4px 4px rgb(239, 208,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5376, 68.0165, 69.1380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 208, 208) }
```

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

```
.background{ background-color: rgb(239,  
208, 208) }
```

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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