

Converting Colors

XYZ(69.6488, 70.0064, 69.0655)

Have a look what the booklet for
XYZ(69.6488, 70.0064, 69.0655)
contains.

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Color

**XYZ(69.6488, 69.9264,
68.8577)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD5CF
RGB	236, 213, 207
RGB Percent	93%, 84%, 81%
CMY	0.0745, 0.1647, 0.1882
CMYK	0.00, 0.10, 0.12, 0.07
HSL	12°, 43%, 87%
HSV	12°, 12%, 93%
XYZ	69.6488, 69.9264, 68.8577
YIQ	219.1930, 15.6340, 3.0100

Conversions

Conversions Part 2

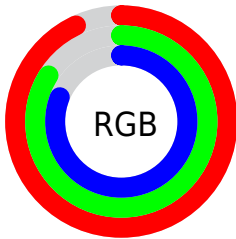
Format	Color
R _Y B	236, 215, 207
Decimal	15521231
CIE Lab	86.96, 6.98, 5.85
CIE LCh	87, 9.107, 39.958
Yxy	69.9264, 0.3342, 0.3355
Android (android.graphics.Color)	4293711311 (0xFFECD5CF)
YUV	219.1930, -6.0111, 14.7397
Hunter-Lab	83.6220, 2.3342, 9.7137

Details

The XYZ color **69.6488, 69.9264, 68.8577** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1688, 75.9135, 90.3647**, and the grayscale version is **67.5003, 71.0156, 77.3360**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7990, 36.4569, 35.2344** is the 20% darker color. If you saturate the color by 10%, you get **62.5383, 59.9824, 53.3007**, and if you desaturate by 10%, it is **77.7376, 81.1355, 86.8701**.

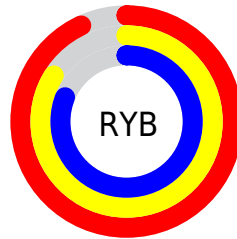
Distribution



Red (93%)

Green (84%)

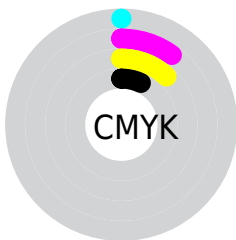
Blue (81%)



Red (93%)

Yellow (84%)

Blue (81%)

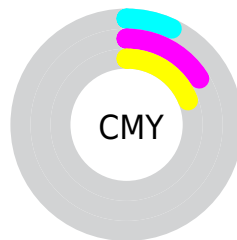


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6488, 69.9264, 68.8577 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 69.6488, 69.9264, 68.8577 by changing the saturation by 10% instead.

69.6488, 69.9264,
68.8577

69.6488, 69.9264,
68.8577

448.6016,
460.2915, 475.2093

51.5188, 51.4665,
50.1248

117.7368,
119.1038, 119.2441

36.8444, 36.5800,
35.1407

148.4255,
150.5901, 151.7347

25.2602, 24.8825,
23.4868

184.0312,
187.1874, 189.6482

16.4008, 15.9895,
14.7447

224.9192,
229.2799, 233.4032

9.9008, 9.5167,
8.4958

271.4549,
277.2523, 283.4183

5.3950, 5.0797,
4.3215

324.0036,

2.5180, 2.2941,

331.4887, 340.1120

1.8033

382.9307,
392.3737, 403.9028

■ 0.9043, 0.7706,
0.4302

■ 0.0000, 0.0000,
0.0000

■ 69.6488, 69.9264,
68.8577

■ 69.6488, 69.9264,
68.8577

■ 62.5383, 59.9824,
53.3007

■ 77.7376, 81.1355,
86.8701

■ 56.3629, 51.2497,
40.0882

■ 86.8344, 93.6424,
107.4335

■ 51.0847, 43.6845,
29.1071

■ 88.4024, 96.5730,
108.5889

■ 46.6607, 37.2366,
20.2334

■ 43.0446, 31.8523,
13.3308

■ 40.1850, 27.4731,
8.2470

■ 38.0248, 24.0349,
4.8069

■ 36.4972, 21.4653,
2.8005

■ 35.6850, 20.0183,
1.9831

Harmonies

Analogous

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



70.5749, 69.9264, 74.1296



69.6488, 69.9264, 68.8577



67.8751, 69.9264, 65.6517

Triad

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



69.6488, 69.9264, 68.8577



62.6928, 69.9264, 72.1922



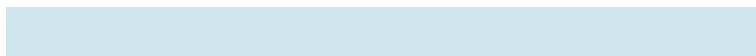
67.1730, 69.9264, 88.2724

Complementary

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



69.6488, 69.9264, 68.8577



69.1688, 75.9135, 90.3647

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.



65.0705, 69.9264, 87.6853



69.6488, 69.9264, 68.8577



62.5139, 69.9264, 78.1822

Square

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



69.6488, 69.9264, 68.8577



63.8697, 69.9264, 67.5045



63.3758, 69.9264, 83.9141



69.1254, 69.9264, 85.4778

Rectangle

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



69.6488, 69.9264, 68.8577



66.4660, 69.9264, 65.0109



63.3758, 69.9264, 83.9141



66.4599, 69.9264, 88.4673

Sweetspot

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



69.6507, 69.9295, 68.8592



90.9247, 94.3080, 99.6372



71.2167, 68.1838, 84.4182



19.3002, 19.9626, 20.9653



0.0000, 0.0000, 0.0000



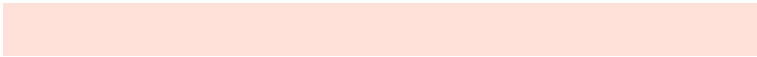
20.3446, 21.4041, 23.3091

Same Dimension

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



69.6507, 69.9295, 68.8592



80.5679, 79.9287, 76.6567



73.4065, 77.4411, 70.1111



15.3181, 15.5593, 15.7146



19.7446, 11.1834, 1.1180



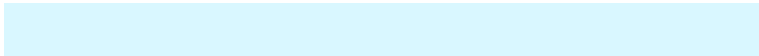
1.6180, 1.0132, 0.1103

Inverse Universe

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



69.1688, 75.9135, 90.3647



79.8763, 88.5041, 107.4808



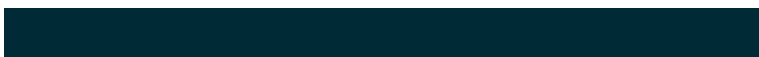
65.3524, 68.2806, 89.0926



15.2375, 16.5614, 19.3158



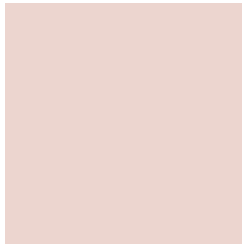
18.2529, 23.1528, 47.2499



1.4998, 1.9511, 3.7324

Previews

White Background



This preview shows how the XYZ color 69.6488, 69.9264, 68.8577 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 69.6488, 69.9264, 68.8577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

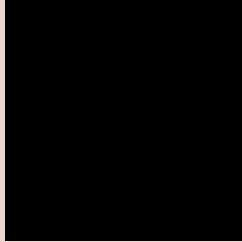
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6488, 69.9264, 68.8577

Background



This preview shows how black text looks on a background with the XYZ color 69.6488, 69.9264, 68.8577.

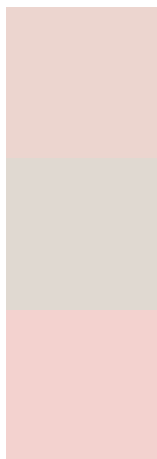


This preview shows how white text looks on a background with the XYZ color 69.6488, 69.9264,

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

69.6488, 69.9264, 68.8577

Protanopia

67.0619, 70.0765, 70.3132

Deuteranopia

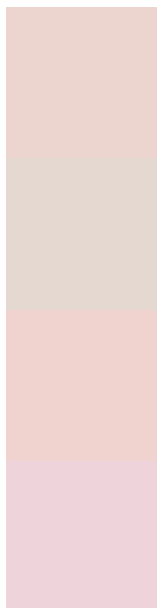
71.2712, 69.6529, 68.7194



Tritanopia

72.3707, 69.9349, 81.6359

Trichromacy



Original Color

69.6488, 69.9264, 68.8577

Protanomaly

67.9359, 70.1598, 69.6361

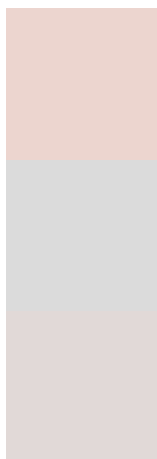
Deuteranomaly

70.4919, 69.6188, 68.7539

Tritanomaly

71.3403, 69.8801, 76.7460

Monochromacy



Original Color

69.6488, 69.9264, 68.8577

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.1299, 70.5396, 74.3146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6488, 69.9264, 68.8577 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(236, 213, 207)` looks like.

```
.text, #text, p{  
    color:rgb(236, 213, 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(236, 213, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 213, 207) }
```

Border

The CSS property to change the border of an element to XYZ 69.6488, 69.9264, 68.8577 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(236, 213, 207) }
```


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

```
.border{ border-color:rgb(236, 213, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 213, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 213, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 213, 207);  
box-shadow:4px 4px 4px 4px rgb(236, 213,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6488, 69.9264, 68.8577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 213, 207) }
```

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

```
.background{ background-color: rgb(236,  
213, 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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