

Converting Colors

XYZ(68.5037, 70.7036, 75.0033)

Have a look what the booklet for
XYZ(68.5037, 70.7036, 75.0033)
contains.

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Color

**XYZ(68.5716, 70.7523,
75.0082)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D9D8
RGB	226, 217, 216
RGB Percent	89%, 85%, 85%
CMY	0.1137, 0.1490, 0.1529
CMYK	0.00, 0.04, 0.04, 0.11
HSL	6°, 15%, 87%
HSV	6°, 4%, 89%
XYZ	68.5716, 70.7523, 75.0082
YIQ	219.5770, 5.6850, 1.5970

Conversions

Conversions Part 2

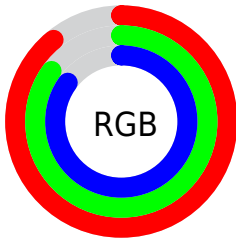
Format	Color
R _Y B	226, 217, 216
Decimal	14866904
CIE Lab	87.36, 2.90, 1.58
CIE LCh	87, 3.306, 28.526
Yxy	70.7523, 0.3199, 0.3301
Android (android.graphics.Color)	4293056984 (0xFFE2D9D8)
YUV	219.5770, -1.7635, 5.6330
Hunter-Lab	84.1144, -1.6837, 6.0088

Details

The XYZ color **68.5716, 70.7523, 75.0082** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.9716, 73.9395, 82.5891**, and the grayscale version is **67.7436, 71.2715, 77.6147**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.1479, 37.0718, 38.9686** is the 20% darker color. If you saturate the color by 10%, you get **60.9272, 59.8216, 59.0227**, and if you desaturate by 10%, it is **77.2675, 83.1412, 93.3286**.

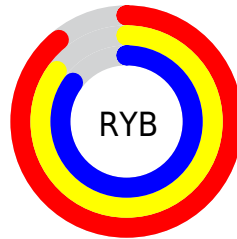
Distribution



Red (89%)

Green (85%)

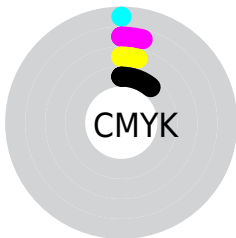
Blue (85%)



Red (89%)

Yellow (85%)

Blue (85%)

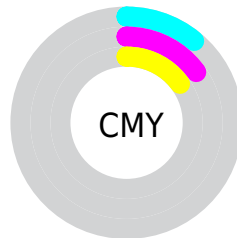


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (11%)



Cyan (11%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.5716, 70.7523, 75.0082 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 68.5716, 70.7523, 75.0082 by changing the saturation by 10% instead.

■ 68.5716, 70.7523,
75.0082

■ 68.5716, 70.7523,
75.0082

444.8636,
463.1871, 497.2019

■ 50.6383, 52.1401,
55.1178

116.2069,
120.2810, 128.0712

■ 36.1407, 37.1167,
39.0968

146.6396,
151.9662, 162.0809

■ 24.7135, 25.2979,
26.5267

181.9694,
188.7779, 201.6341

■ 15.9913, 16.2991,
16.9888

222.5618,
231.1004, 247.1494

■ 9.6088, 9.7361,
10.0646

268.7821,
279.3182, 299.0452

■ 5.2006, 5.2243,
5.3356

320.9955,

■ 2.4014, 2.3795,

333.8157, 357.7403

2.3834

379.5676,
394.9772, 423.6530

■ 0.8458, 0.8153,
0.7774

■ 0.0000, 0.0000,
0.0000

■ 68.5716, 70.7523,
75.0082

■ 68.5716, 70.7523,
75.0082

■ 60.9272, 59.8216,
59.0227

■ 77.2675, 83.1412,
93.3286

■ 54.2887, 50.2866,
45.2738

■ 85.1745, 94.9090,
108.4378

■ 48.6159, 42.0939,
33.6631

■ 43.8636, 35.1830,
24.0830

■ 39.9831, 29.4890,
16.4168

■ 36.9209, 24.9413,
10.5355

■ 34.6178, 21.4618,
6.2944

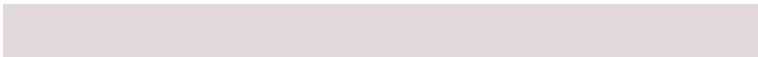
■ 33.0065, 18.9627,
3.5263

■ 32.0072, 17.3422,
2.0278

Harmonies

Analogous

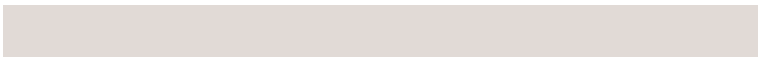
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.7553, 70.7523, 77.1476



68.5716, 70.7523, 75.0082



68.0325, 70.7523, 73.4388

Triad

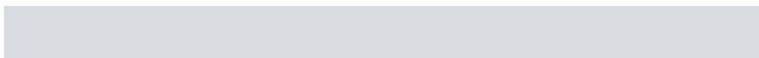
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.5716, 70.7523, 75.0082



65.9794, 70.7523, 74.8207



67.2094, 70.7523, 81.4024

Complementary

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



68.5716, 70.7523, 75.0082



68.9716, 73.9395, 82.5891

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.



66.4695, 70.7523, 80.7513



68.5716, 70.7523, 75.0082



65.7627, 70.7523, 76.9270

Square

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



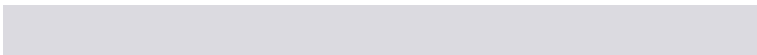
68.5716, 70.7523, 75.0082



66.5357, 70.7523, 73.3320



65.9414, 70.7523, 79.1025



67.9653, 70.7523, 80.8652

Rectangle

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



68.5716, 70.7523, 75.0082



67.5461, 70.7523, 72.9121



65.9414, 70.7523, 79.1025



66.9506, 70.7523, 81.3150

Sweetspot

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



68.5736, 70.7554, 75.0097



93.9146, 98.3819, 106.5096



69.5116, 70.7178, 81.2215



20.1136, 21.0748, 22.8226



0.0000, 0.0000, 0.0000



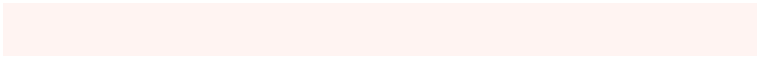
20.3446, 21.4041, 23.3091

Same Dimension

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



68.5736, 70.7554, 75.0097



89.5140, 92.1046, 97.2615



69.8811, 73.3703, 75.4456



14.4504, 14.8252, 15.5910



18.1040, 9.6460, 0.9077



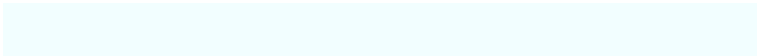
1.2930, 0.7449, 0.0756

Inverse Universe

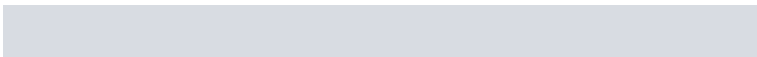
The Inverse Universe completely reimagines the original color for something new.



68.9716, 73.9395, 82.5891



90.1069, 96.8477, 108.5521



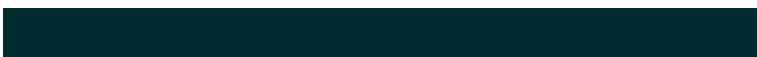
67.6406, 71.2774, 82.1455



14.5584, 15.6896, 17.6488



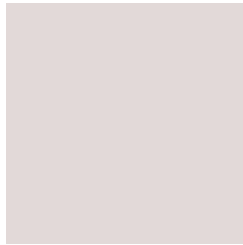
20.1078, 27.6851, 45.3323



1.4282, 1.9879, 3.1537

Previews

White Background



This preview shows how the XYZ color 68.5716, 70.7523, 75.0082 looks on a white background.

Color Contrast Check

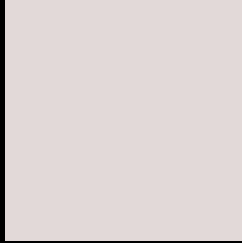
Large Text (above 18pt) WCAG AA × Fail

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 68.5716, 70.7523, 75.0082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

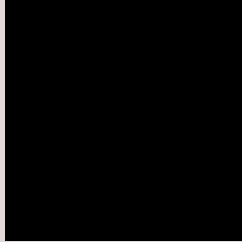
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

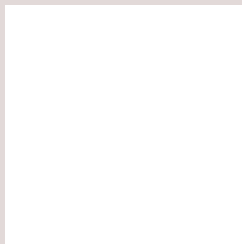
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.5716, 70.7523, 75.0082

Background



This preview shows how black text looks on a background with the XYZ color 68.5716, 70.7523, 75.0082.

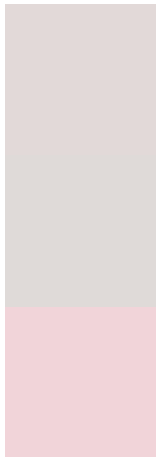


This preview shows how white text looks on a background with the XYZ color 68.5716, 70.7523,

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

68.5716, 70.7523, 75.0082

Protanopia

67.8975, 70.7887, 75.0507

Deuteranopia

72.3435, 70.7975, 75.4980



Tritanopia

70.8608, 70.9211, 86.2983

Trichromacy



Original Color

68.5716, 70.7523, 75.0082

Protanomaly

68.2065, 70.9480, 75.0652

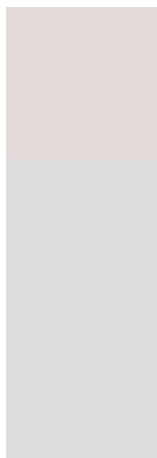
Deuteranomaly

71.1630, 70.9358, 75.5869

Tritanomaly

69.9619, 70.9336, 81.9557

Monochromacy



Original Color

68.5716, 70.7523, 75.0082

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.2419, 71.3071, 77.1847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5716, 70.7523, 75.0082 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(226, 217, 216) looks like.

```
.text, #text, p{  
    color:rgb(226, 217, 216)  
}
```

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(226, 217, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 217, 216) }
```

Border

The CSS property to change the border of an element to XYZ 68.5716, 70.7523, 75.0082 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(226, 217, 216) }
```


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

```
.border{ border-color:rgb(226, 217, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 217, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 217, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 217, 216);  
box-shadow:4px 4px 4px 4px rgb(226, 217,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5716, 70.7523, 75.0082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 217, 216) }
```

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

```
.background{ background-color: rgb(226,  
217, 216) }
```

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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