

Converting Colors

XYZ(69.6839, 72.8035, 75.3044)

Have a look what the booklet for
XYZ(69.6839, 72.8035, 75.3044)
contains.

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Color

**XYZ(69.6152, 72.8395,
75.3561)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DDD8
RGB	226, 221, 216
RGB Percent	89%, 87%, 85%
CMY	0.1137, 0.1333, 0.1529
CMYK	0.00, 0.02, 0.04, 0.11
HSL	30°, 15%, 87%
HSV	30°, 4%, 89%
XYZ	69.6152, 72.8395, 75.3561
YIQ	221.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

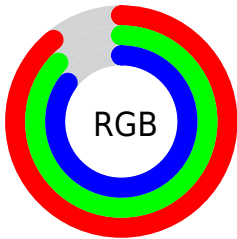
Format	Color
R _Y B	226, 226, 216
Decimal	14867928
CIE Lab	88.37, 0.83, 3.04
CIE LCh	88, 3.152, 74.753
Yxy	72.8395, 0.3196, 0.3344
Android (android.graphics.Color)	4293058008 (0xFFE2DDD8)
YUV	221.9250, -2.9210, 3.5738
Hunter-Lab	85.3461, -3.7565, 7.3923

Details

The XYZ color **69.6152, 72.8395, 75.3561** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.9029, 71.8020, 82.2329**, and the grayscale version is **69.3977, 73.0117, 79.5098**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8638, 38.5036, 39.2072** is the 20% darker color. If you saturate the color by 10%, you get **64.0110, 65.9892, 60.0507**, and if you desaturate by 10%, it is **75.8260, 80.2580, 92.8481**.

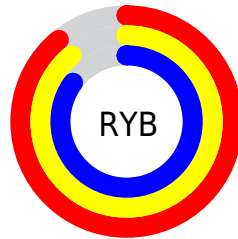
Distribution



Red (89%)

Green (87%)

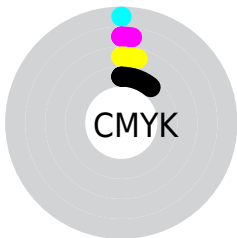
Blue (85%)



Red (89%)

Yellow (89%)

Blue (85%)

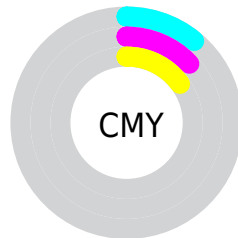


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6152, 72.8395, 75.3561 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 69.6152, 72.8395, 75.3561 by changing the saturation by 10% instead.

■ 69.6152, 72.8395,
75.3561

■ 69.6152, 72.8395,
75.3561

448.4853,
470.4584, 498.4287

■ 51.4914, 53.8447,
55.4012

117.6891,
123.2493, 128.5680

■ 36.8224, 38.4775,
39.3222

148.3699,
155.4332, 162.6621

■ 25.2431, 26.3535,
26.7008

183.9670,
192.7822, 202.3064

■ 16.3879, 17.0883,
17.1182

224.8458,
235.6808, 247.9193

■ 9.8917, 10.2975,
10.1559

271.3717,
284.5133, 299.9195

■ 5.3889, 5.5966,
5.3955

323.9100,

■ 2.5143, 2.6014,

339.6641, 358.7254

2.4184

382.8261,
401.5177, 424.7556

■ 0.9025, 0.9274,
0.7964

■ 0.0000, 0.0000,
0.0000

■ 69.6152, 72.8395,
75.3561

■ 69.6152, 72.8395,
75.3561

■ 64.0110, 65.9892,
60.0507

■ 75.8260, 80.2580,
92.8481

■ 58.9870, 59.6831,
46.8399

■ 81.6415, 87.8430,
107.2602

■ 54.5238, 53.9096,
35.6324

■ 85.1362, 94.8325,
108.4251

■ 50.5985, 48.6526,
26.3280

■ 85.1745, 94.9090,
108.4378

■ 47.1864, 43.8956,
18.8179

■ 44.2605, 39.6204,
12.9820

■ 41.7908, 35.8078,
8.6854

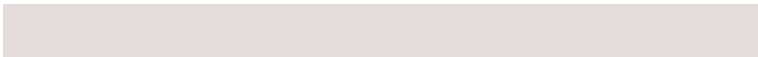
■ 39.7433, 32.4363,
5.7719

■ 38.0769, 29.4816,
4.0510

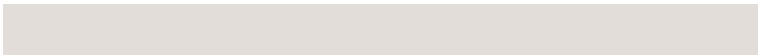
Harmonies

Analogous

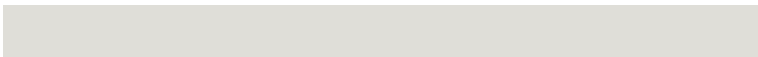
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.2704, 72.8395, 76.4114



69.6152, 72.8395, 75.3561



68.8618, 72.8395, 75.3471

Triad

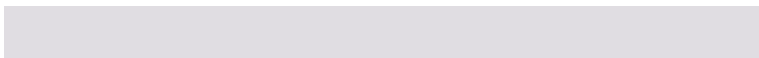
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.6152, 72.8395, 75.3561



67.8339, 72.8395, 80.3760



70.2615, 72.8395, 82.3067

Complementary

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



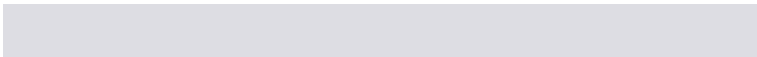
69.6152, 72.8395, 75.3561



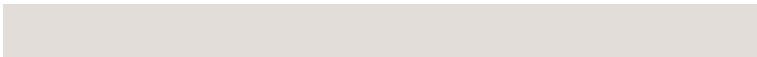
67.9029, 71.8020, 82.2329

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.



69.6030, 72.8395, 83.4091



69.6152, 72.8395, 75.3561



68.2034, 72.8395, 82.2807

Square

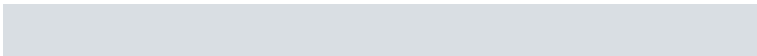
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6152, 72.8395, 75.3561



67.8371, 72.8395, 78.2188



68.8497, 72.8395, 83.3995



70.6454, 72.8395, 80.4110

Rectangle

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



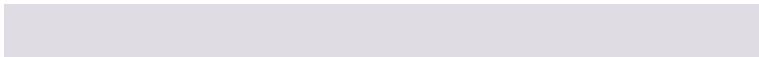
69.6152, 72.8395, 75.3561



68.4055, 72.8395, 75.9344



68.8497, 72.8395, 83.3995



70.0647, 72.8395, 82.7839

Sweetspot

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



69.6172, 72.8427, 75.3577



94.2370, 99.0266, 106.6170



68.9721, 70.5021, 78.3808



20.1792, 21.2061, 22.8445



0.0000, 0.0000, 0.0000



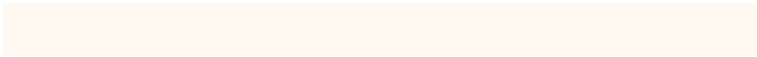
20.3446, 21.4041, 23.3091

Same Dimension

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



69.6172, 72.8427, 75.3577



91.0660, 95.2086, 97.7788



70.9561, 75.5205, 75.8040



14.7327, 15.3899, 15.6851



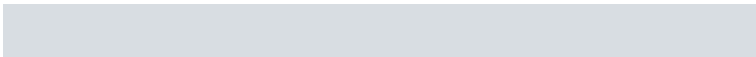
21.3863, 16.2105, 2.0018



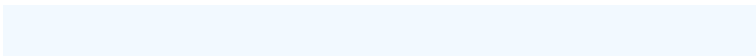
1.5719, 1.3027, 0.1686

Inverse Universe

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



67.9029, 71.8020, 82.2329



88.5122, 93.6583, 108.0205



66.6033, 69.2028, 81.7997



14.2673, 15.1073, 17.5517



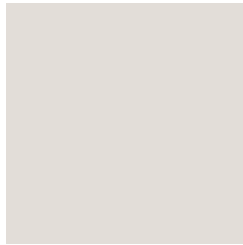
11.3138, 10.0971, 42.4010



0.8738, 0.8790, 2.9688

Previews

White Background



This preview shows how the XYZ color 69.6152, 72.8395, 75.3561 looks on a white background.

Color Contrast Check

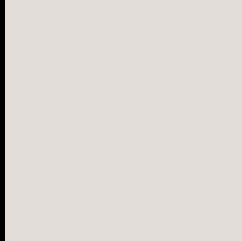
Large Text (above 18pt) WCAG AA × Fail

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 69.6152, 72.8395, 75.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

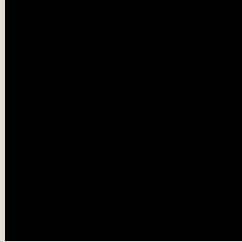
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

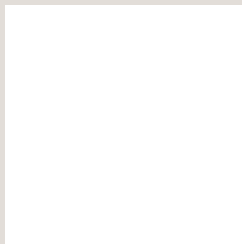
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.6152, 72.8395, 75.3561

Background



This preview shows how black text looks on a background with the XYZ color 69.6152, 72.8395, 75.3561.

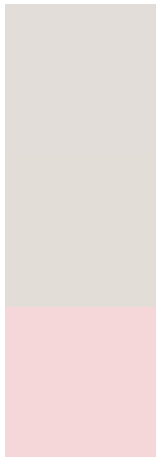


This preview shows how white text looks on a background with the XYZ color 69.6152, 72.8395,

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

69.6152, 72.8395, 75.3561

Protanopia

69.9297, 73.0017, 75.3708

Deuteranopia

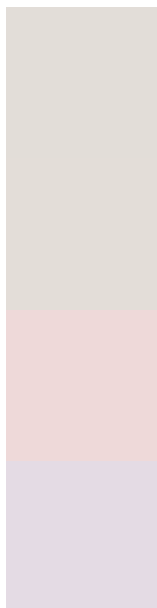
74.2271, 72.5154, 75.7303



Tritanopia

72.3799, 72.7990, 88.8340

Trichromacy



Original Color

69.6152, 72.8395, 75.3561

Protanomaly

69.9297, 73.0017, 75.3708

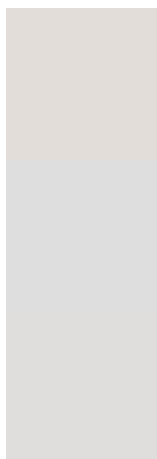
Deuteranomaly

72.5971, 72.8126, 75.8736

Tritanomaly

71.3300, 72.7585, 83.6831

Monochromacy



Original Color

69.6152, 72.8395, 75.3561

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.4710, 73.0978, 78.1579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6152, 72.8395, 75.3561 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, 221, 216) looks like.

```
.text, #text, p{  
    color:rgb(226, 221, 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, 221, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 221, 216) }
```

Border

The CSS property to change the border of an element to XYZ 69.6152, 72.8395, 75.3561 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, 221, 216) }
```


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

```
.border{ border-color:rgb(226, 221, 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, 221, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 221, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 221, 216);  
box-shadow:4px 4px 4px 4px rgb(226, 221,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6152, 72.8395, 75.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 221, 216) }
```

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

```
.background{ background-color: rgb(226,  
221, 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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