

Converting Colors

XYZ(70.9072, 72.7317, 75.5514)

Have a look what the booklet for
XYZ(70.9072, 72.7317, 75.5514)
contains.

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Color

**XYZ(71.0049, 72.7767,
75.2707)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DBD8
RGB	232, 219, 216
RGB Percent	91%, 86%, 85%
CMY	0.0902, 0.1412, 0.1529
CMYK	0.00, 0.06, 0.07, 0.09
HSL	11°, 26%, 88%
HSV	11°, 7%, 91%
XYZ	71.0049, 72.7767, 75.2707
YIQ	222.5450, 8.7110, 1.8230

Conversions

Conversions Part 2

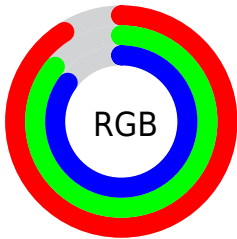
Format	Color
R _Y B	232, 220, 216
Decimal	15260632
CIE Lab	88.34, 3.94, 3.06
CIE LCh	88, 4.985, 37.819
Yxy	72.7767, 0.3241, 0.3322
Android (android.graphics.Color)	4293450712 (0xFFE8DBD8)
YUV	222.5450, -3.2267, 8.2920
Hunter-Lab	85.3093, -0.7215, 7.4033

Details

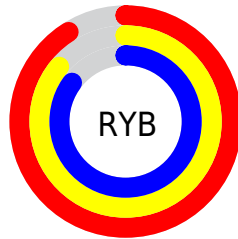
The XYZ color **71.0049, 72.7767, 75.2707** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9036, 76.4625, 87.3665**, and the grayscale version is **69.8361, 73.4730, 80.0121**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6130, 38.3542, 39.1389** is the 20% darker color. If you saturate the color by 10%, you get **63.5743, 62.3807, 59.0260**, and if you desaturate by 10%, it is **79.4197, 84.4616, 93.9345**.

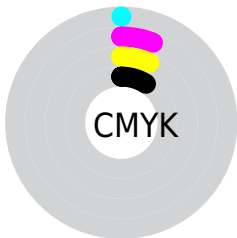
Distribution



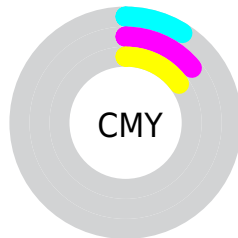
- Red (91%)
- Green (86%)
- Blue (85%)



- Red (91%)
- Yellow (86%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (9%)



- Cyan (9%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0049, 72.7767, 75.2707 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 71.0049, 72.7767, 75.2707 by changing the saturation by 10% instead.

71.0049, 72.7767,
75.2707

71.0049, 72.7767,
75.2707

453.2821,
470.2405, 498.1277

52.6287, 53.7934,
55.3316

119.6592,
123.1602, 128.4461

37.7328, 38.4365,
39.2669

150.6680,
155.3291, 162.5195

25.9516, 26.3217,
26.6580

186.6185,
192.6620, 202.1414

16.9199, 17.0644,
17.0864

227.8758,
235.5434, 247.7304

10.2724, 10.2804,
10.1335

274.8056,
284.3575, 299.7050

5.6436, 5.5853,
5.3808

327.7729,

2.6682, 2.5946,

339.4888, 358.4837

2.4098

387.1433,
401.3217, 424.4851

■ 0.9808, 0.9239,
0.7917

■ 0.0000, 0.0000,
0.0000

■ 71.0049, 72.7767,
75.2707

■ 71.0049, 72.7767,
75.2707

■ 63.5743, 62.3807,
59.0260

■ 79.4197, 84.4616,
93.9345

■ 57.0856, 53.2201,
45.0965

■ 87.0891, 95.8960,
108.5274

■ 51.5025, 45.2514,
33.3780

■ 46.7839, 38.4253,
23.7560

■ 42.8857, 32.6888,
16.1061

■ 39.7595, 27.9847,
10.2904

■ 37.3516, 24.2505,
6.1532

■ 35.6010, 21.4166,
3.5127

■ 34.4340, 19.4026,
2.1370

Harmonies

Analogous

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



71.4758, 72.7767, 78.3487



71.0049, 72.7767, 75.2707



70.0440, 72.7767, 73.2971

Triad

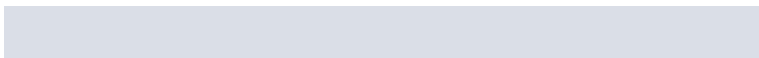
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.0049, 72.7767, 75.2707



67.0641, 72.7767, 76.7806



69.4855, 72.7767, 85.9480

Complementary

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



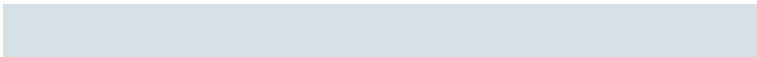
71.0049, 72.7767, 75.2707



70.9036, 76.4625, 87.3665

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.



68.3074, 72.7767, 85.4989



71.0049, 72.7767, 75.2707



66.9184, 72.7767, 80.1410

Square

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



71.0049, 72.7767, 75.2707



67.7713, 72.7767, 74.1511



67.3711, 72.7767, 83.3495



70.5920, 72.7767, 84.5596

Rectangle

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



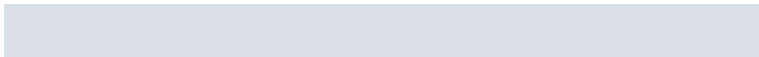
71.0049, 72.7767, 75.2707



69.2596, 72.7767, 72.8398



67.3711, 72.7767, 83.3495



69.0846, 72.7767, 86.0076

Sweetspot

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



71.0069, 72.7799, 75.2723



92.9323, 97.0612, 104.1969



71.9877, 71.9295, 84.2681



19.9135, 20.8059, 22.3517



0.0000, 0.0000, 0.0000



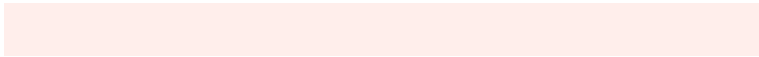
20.3446, 21.4041, 23.3091

Same Dimension

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



71.0069, 72.7799, 75.2723



86.8776, 88.6349, 90.8239



73.1252, 77.0164, 75.9783



14.5948, 14.8036, 14.9926



19.0333, 10.6407, 1.0507



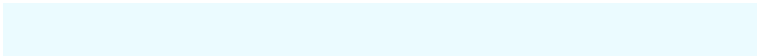
1.4692, 0.9117, 0.0985

Inverse Universe

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



70.9036, 76.4625, 87.3665



86.7293, 93.9147, 108.1640



68.7595, 72.1743, 86.6518



14.5654, 15.8521, 18.4364



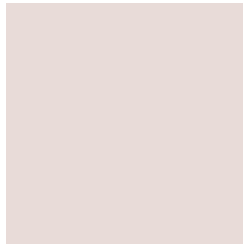
18.2095, 23.4810, 45.9557



1.4052, 1.8544, 3.4158

Previews

White Background



This preview shows how the XYZ color 71.0049, 72.7767, 75.2707 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 71.0049, 72.7767, 75.2707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

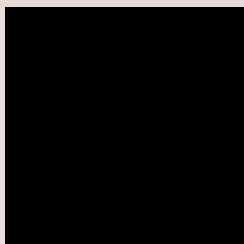
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

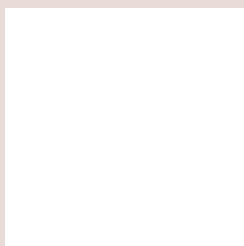
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.0049, 72.7767, 75.2707

Background



This preview shows how black text looks on a background with the XYZ color 71.0049, 72.7767, 75.2707.

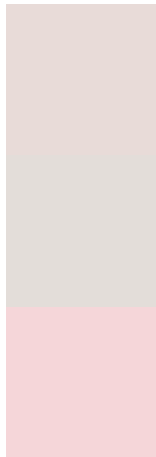


This preview shows how white text looks on a background with the XYZ color 71.0049, 72.7767,

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

71.0049, 72.7767, 75.2707

Protanopia

70.0594, 73.0536, 76.0539

Deuteranopia

74.2271, 72.5154, 75.7303



Tritanopia

73.1955, 72.4874, 87.2244

Trichromacy



Original Color

71.0049, 72.7767, 75.2707

Protanomaly

70.4307, 72.8542, 75.9958

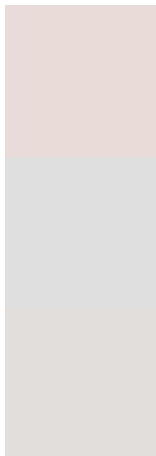
Deuteranomaly

73.0154, 72.6468, 75.8195

Tritanomaly

72.2823, 72.4954, 82.8564

Monochromacy



Original Color

71.0049, 72.7767, 75.2707

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.4036, 73.5786, 78.2016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0049, 72.7767, 75.2707 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(232, 219, 216) looks like.

```
.text, #text, p{  
    color:rgb(232, 219, 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(232, 219, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 219, 216) }
```

Border

The CSS property to change the border of an element to XYZ 71.0049, 72.7767, 75.2707 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(232, 219, 216) }
```


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

```
.border{ border-color:rgb(232, 219, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 219, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 219, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 219, 216); box-shadow:4px 4px 4px 4px rgb(232, 219, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0049, 72.7767, 75.2707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 219, 216) }
```

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

```
.background{ background-color: rgb(232,  
219, 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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