

Converting Colors

XYZ(69.9283, 72.0652, 74.9147)

Have a look what the booklet for
XYZ(69.9283, 72.0652, 74.9147)
contains.

| | |
|--|----|
| XYZ(70.0393, 72.2789, 75.2255) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(70.0393, 72.2789,
75.2255)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E5DBD8 |
| RGB | 229, 219, 216 |
| RGB Percent | 90%, 86%, 85% |
| CMY | 0.1020, 0.1412, 0.1529 |
| CMYK | 0.00, 0.04, 0.06, 0.10 |
| HSL | 14°, 20%, 87% |
| HSV | 14°, 6%, 90% |
| XYZ | 70.0393, 72.2789, 75.2255 |
| YIQ | 221.6480, 6.9230, 1.1870 |

Conversions

Conversions Part 2

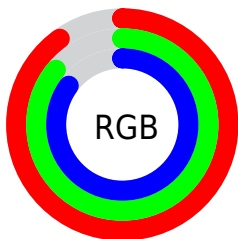
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 229, 220, 216 |
| Decimal | 15064024 |
| CIE Lab | 88.10, 2.90, 2.68 |
| CIE LCh | 88, 3.949, 42.756 |
| Yxy | 72.2789, 0.3220, 0.3323 |
| Android (android.graphics.Color) | 4293254104 (0xFFE5DBD8) |
| YUV | 221.6480, -2.7845, 6.4477 |
| Hunter-Lab | 85.0170, -1.7266, 7.0504 |

Details

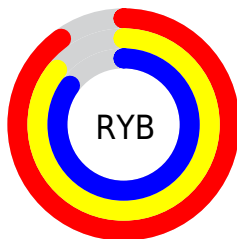
The XYZ color **70.0393, 72.2789, 75.2255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6581, 74.6477, 84.8668**, and the grayscale version is **69.2002, 72.8040, 79.2836**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1640, 38.1228, 39.1179** is the 20% darker color. If you saturate the color by 10%, you get **62.9298, 62.4716, 59.2529**, and if you desaturate by 10%, it is **78.0515, 83.2295, 93.5364**.

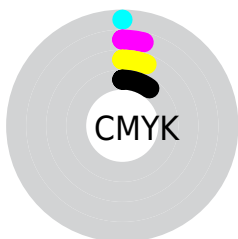
Distribution



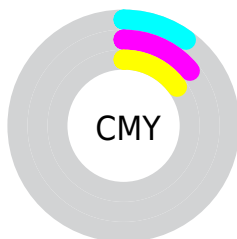
- Red (90%)
- Green (86%)
- Blue (85%)



- Red (90%)
- Yellow (86%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0393, 72.2789, 75.2255 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 70.0393, 72.2789, 75.2255 by changing the saturation by 10% instead.

■ 70.0393, 72.2789,
75.2255

■ 70.0393, 72.2789,
75.2255

449.9522,
468.5118, 497.9684

■ 51.8383, 53.3865,
55.2948

118.2908,
122.4530, 128.3815

■ 37.0999, 38.1114,
39.2376

149.0719,
154.5035, 162.4440

■ 25.4589, 26.0692,
26.6354

184.7772,
191.7088, 202.0541

■ 16.5498, 16.8754,
17.0696

225.7719,
234.4534, 247.6304

■ 10.0074, 10.1457,
10.1216

272.4214,
283.1215, 299.5914

■ 5.4661, 5.4957,
5.3730

325.0910,

■ 2.5608, 2.5409,

338.0977, 358.3557

2.4052

384.1462,
399.7664, 424.3419

■ 0.9260, 0.8971,
0.7893

■ 0.0000, 0.0000,
0.0000

■ 70.0393, 72.2789,
75.2255

■ 70.0393, 72.2789,
75.2255

■ 62.9298, 62.4716,
59.2529

■ 78.0515, 83.2295,
93.5364

■ 56.6848, 53.7612,
45.5195

■ 85.8760, 94.9032,
108.3997

■ 51.2726, 46.1121,
33.9260

■ 86.1235, 95.3982,
108.4822

■ 46.6568, 39.4831,
24.3639

■ 42.7984, 33.8302,
16.7152

■ 39.6550, 29.1064,
10.8492

■ 37.1797, 25.2602,
6.6192

■ 35.3194, 22.2352,
3.8545

■ 34.0114, 19.9673,
2.3458

Harmonies

Analogous

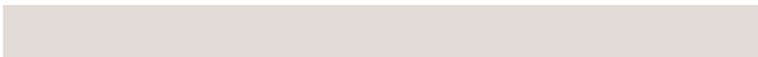
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.4831, 72.2789, 77.5581



70.0393, 72.2789, 75.2255



69.2380, 72.2789, 73.8420

Triad

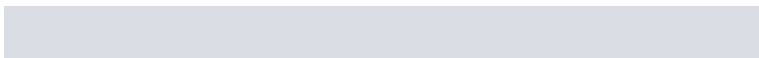
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.0393, 72.2789, 75.2255



66.9812, 72.2789, 77.1696



69.1002, 72.2789, 83.8751

Complementary

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



70.0393, 72.2789, 75.2255



69.6581, 74.6477, 84.8668

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.



68.1626, 72.2789, 83.7653



70.0393, 72.2789, 75.2255



66.9451, 72.2789, 79.8519

Square

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



70.0393, 72.2789, 75.2255



67.4750, 72.2789, 74.9467



67.3758, 72.2789, 82.2787



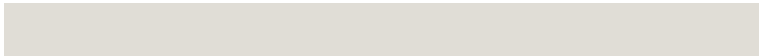
69.9376, 72.2789, 82.5754

Rectangle

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



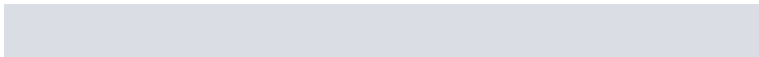
70.0393, 72.2789, 75.2255



68.6118, 72.2789, 73.6242



67.3758, 72.2789, 82.2787



68.7862, 72.2789, 84.0027

Sweetspot

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



70.0413, 72.2820, 75.2271



93.0013, 97.1993, 104.2199



70.6226, 71.2719, 82.1191



19.9276, 20.8340, 22.3564



0.0000, 0.0000, 0.0000



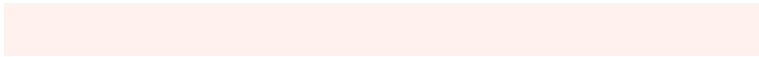
20.3446, 21.4041, 23.3091

Same Dimension

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



70.0413, 72.2820, 75.2271



88.0846, 90.4565, 93.0530



71.7197, 75.6387, 75.7865



14.9467, 15.3197, 15.6879



19.2765, 11.1272, 1.1318



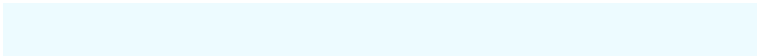
1.4941, 0.9616, 0.1069

Inverse Universe

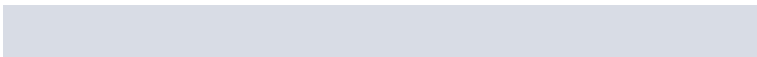
The Inverse Universe completely reimagines the original color for something new.



69.6581, 74.6477, 84.8668



87.4834, 94.1669, 108.1729



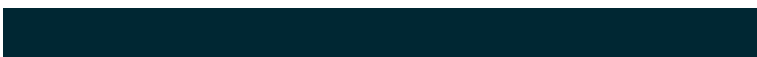
67.9730, 71.2775, 84.3051



14.8368, 15.9975, 18.4502



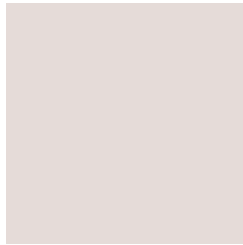
17.0680, 21.1980, 45.5752



1.3302, 1.7042, 3.3908

Previews

White Background



This preview shows how the XYZ color 70.0393, 72.2789, 75.2255 looks on a white background.

Color Contrast Check

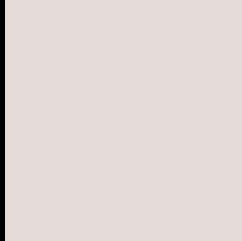
Large Text (above 18pt) WCAG AA × Fail

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 70.0393, 72.2789, 75.2255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

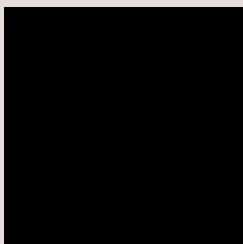
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

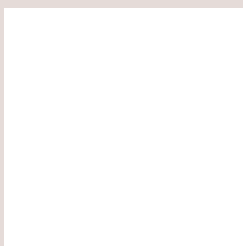
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.0393, 72.2789, 75.2255

Background



This preview shows how black text looks on a background with the XYZ color 70.0393, 72.2789, 75.2255.



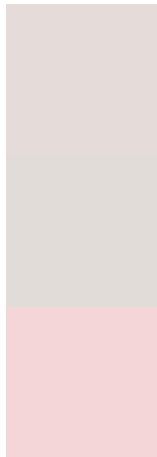
This preview shows how white text looks on a background with the XYZ color 70.0393, 72.2789,

75.2255.

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

70.0393, 72.2789, 75.2255

Protanopia

69.4816, 72.3649, 75.9514

Deuteranopia

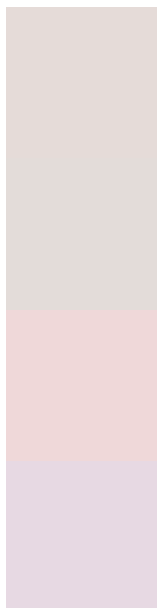
73.8792, 72.3360, 75.7140



Tritanopia

72.5426, 72.1507, 87.1939

Trichromacy



Original Color

70.0393, 72.2789, 75.2255

Protanomaly

69.7961, 72.5270, 75.9661

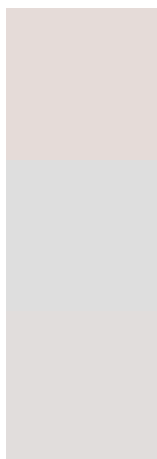
Deuteranomaly

72.6769, 72.4722, 75.8037

Tritanomaly

71.6330, 72.1607, 82.8260

Monochromacy



Original Color

70.0393, 72.2789, 75.2255

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.8261, 72.8878, 78.0987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0393, 72.2789, 75.2255 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(229, 219, 216) looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 219, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 219, 216) }
```

Border

The CSS property to change the border of an element to XYZ 70.0393, 72.2789, 75.2255 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(229, 219, 216) }
```


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

```
.border{ border-color:rgb(229, 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(229, 219, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 219, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 219, 216);  
box-shadow:4px 4px 4px 4px rgb(229, 219,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0393, 72.2789, 75.2255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 219, 216) }
```

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

```
.background{ background-color: rgb(229,  
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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