

Converting Colors

XYZ(72.0495, 76.0599, 70.5237)

Have a look what the booklet for
XYZ(72.0495, 76.0599, 70.5237)
contains.

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Color

**XYZ(72.1858, 76.2704,
70.5916)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E2D0
RGB	233, 226, 208
RGB Percent	91%, 89%, 82%
CMY	0.0863, 0.1137, 0.1843
CMYK	0.00, 0.03, 0.11, 0.09
HSL	43°, 36%, 86%
HSV	43°, 11%, 91%
XYZ	72.1858, 76.2704, 70.5916
YIQ	226.0410, 9.9500, -4.1140

Conversions

Conversions Part 2

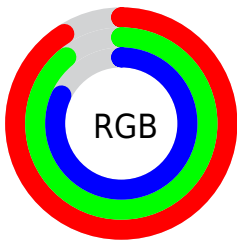
Format	Color
R_{YB}	218, 233, 208
Decimal	15327952
CIE Lab	89.98, -0.65, 9.63
CIE LCh	90, 9.655, 93.834
Yxy	76.2704, 0.3295, 0.3482
Android (android.graphics.Color)	4293518032 (0xFFE9E2D0)
YUV	226.0410, -8.8942, 6.1030
Hunter-Lab	87.3329, -5.2919, 13.2087

Details

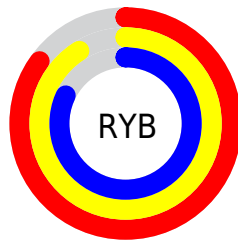
The XYZ color **72.1858, 76.2704, 70.5916** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0208, 67.8928, 86.7692**, and the grayscale version is **72.3774, 76.1467, 82.9237**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5271, 40.8060, 36.4176** is the 20% darker color. If you saturate the color by 10%, you get **67.7885, 71.7309, 56.0066**, and if you desaturate by 10%, it is **77.0759, 81.1200, 87.4204**.

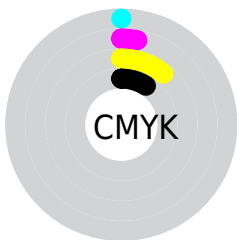
Distribution



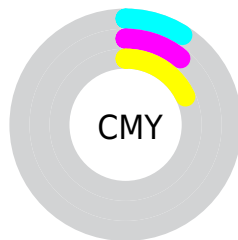
- Red (91%)
- Green (89%)
- Blue (82%)



- Red (85%)
- Yellow (91%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1858, 76.2704, 70.5916 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 72.1858, 76.2704, 70.5916 by changing the saturation by 10% instead.

72.1858, 76.2704,
70.5916

72.1858, 76.2704,
70.5916

457.3356,
482.2728, 481.4696

53.5965, 56.6543,
51.5292

121.3300,
128.1091, 121.7410

38.5085, 40.7277,
36.2503

152.6156,
161.1004, 154.6652

26.5566, 28.1064,
24.3363

188.8640,
199.3189, 193.0470

17.3754, 18.4059,
15.3688

230.4406,
243.1489, 237.3049

10.5994, 11.2418,
8.9291

277.7107,
292.9750, 287.8577

5.8635, 6.2297,
4.5988

331.0397,

2.8021, 2.9853,

349.1814, 345.1236

1.9593

390.7929,
412.1525, 409.5215

■ 1.0500, 1.1240,
0.5301

■ 0.0000, 0.0000,
0.0000

■ 72.1858, 76.2704,
70.5916

■ 72.1858, 76.2704,
70.5916

■ 67.7885, 71.7309,
56.0066

■ 77.0759, 81.1200,
87.4204

■ 63.8588, 67.4825,
43.5639

■ 82.4704, 86.2778,
106.5788

■ 60.3782, 63.5194,
33.1615

■ 84.4783, 90.1913,
107.5639

■ 57.3248, 59.8313,
24.6870

■ 86.4918, 94.2182,
108.2351

■ 54.6745, 56.4075,
18.0174

■ 87.4146, 96.0638,
108.5427

■ 52.4003, 53.2360,
13.0149

■ 50.4717, 50.3031,
9.5220

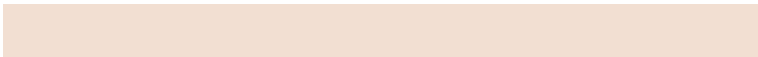
■ 48.8520, 47.5930,
7.3506

■ 47.5707, 45.2560,
6.2280

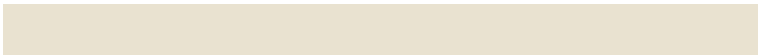
Harmonies

Analogous

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



74.5385, 76.2704, 71.7823



72.1858, 76.2704, 70.5916



69.9635, 76.2704, 72.5840

Triad

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



72.1858, 76.2704, 70.5916



68.7414, 76.2704, 90.5926



76.6968, 76.2704, 88.9865

Complementary

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



72.1858, 76.2704, 70.5916



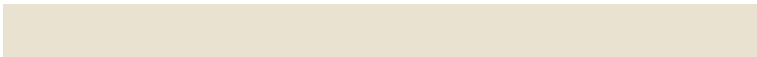
65.0208, 67.8928, 86.7692

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.



75.0822, 76.2704, 94.4668



72.1858, 76.2704, 70.5916



70.4847, 76.2704, 95.4293

Square

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



72.1858, 76.2704, 70.5916



68.0027, 76.2704, 83.9289



72.8005, 76.2704, 96.8842



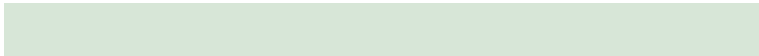
77.1762, 76.2704, 82.1683

Rectangle

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



72.1858, 76.2704, 70.5916



68.8450, 76.2704, 75.5170



72.8005, 76.2704, 96.8842



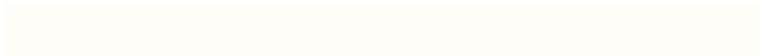
76.2671, 76.2704, 91.0584

Sweetspot

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



72.1879, 76.2737, 70.5932



93.1635, 98.1588, 102.3154



68.4376, 67.3471, 73.7394



19.8349, 20.9060, 21.5324



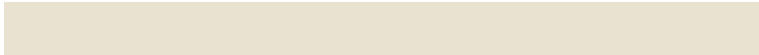
0.0000, 0.0000, 0.0000



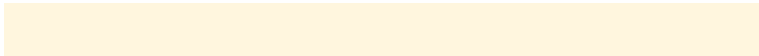
20.3446, 21.4041, 23.3091

Same Dimension

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



72.1879, 76.2737, 70.5932



87.2765, 92.2696, 82.2117



72.3878, 79.2587, 71.1588



15.9750, 16.8730, 15.9336



27.1021, 25.8985, 3.5705



2.2086, 2.1945, 0.3072

Inverse Universe

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



65.0208, 67.8928, 86.7692



76.7395, 79.9484, 105.9947



64.8265, 65.2046, 86.2606



14.5743, 15.2351, 19.0948



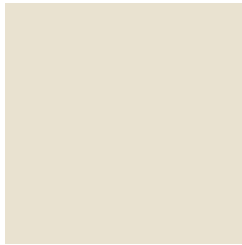
9.5147, 5.6765, 44.3372



0.8259, 0.6033, 3.5078

Previews

White Background



This preview shows how the XYZ color 72.1858, 76.2704, 70.5916 looks on a white background.

Color Contrast Check

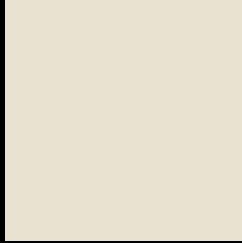
Large Text (above 18pt) WCAG AA × Fail

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 72.1858, 76.2704, 70.5916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

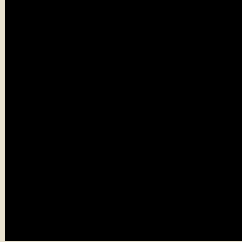
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

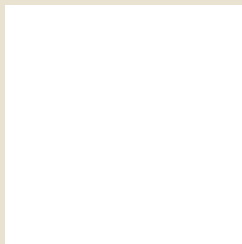
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.1858, 76.2704, 70.5916

Background



This preview shows how black text looks on a background with the XYZ color 72.1858, 76.2704, 70.5916.

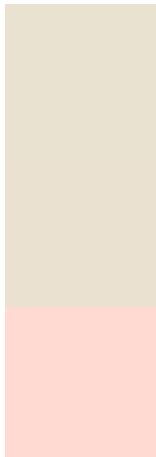


This preview shows how white text looks on a background with the XYZ color 72.1858, 76.2704,

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

72.1858, 76.2704, 70.5916

Protanopia

72.5713, 76.0667, 70.5319

Deuteranopia

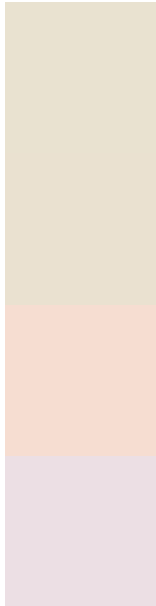
77.5773, 75.8668, 71.5278



Tritanopia

76.3615, 75.9494, 92.2964

Trichromacy



Original Color

72.1858, 76.2704, 70.5916

Protanomaly

72.2421, 75.8969, 70.5165

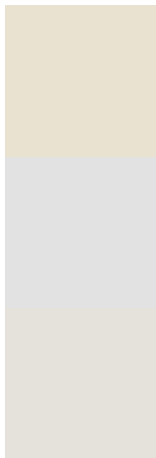
Deuteranomaly

75.3711, 75.9092, 71.0011

Tritanomaly

74.9833, 76.2097, 84.1567

Monochromacy



Original Color

72.1858, 76.2704, 70.5916

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.2956, 76.1652, 77.9088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1858, 76.2704, 70.5916 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(233, 226, 208) looks like.

```
.text, #text, p{  
    color:rgb(233, 226, 208)  
}
```

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(233, 226, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 226, 208) }
```

Border

The CSS property to change the border of an element to XYZ 72.1858, 76.2704, 70.5916 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(233, 226, 208) }
```


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

```
.border{ border-color:rgb(233, 226, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 226, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 226, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 226, 208);  
box-shadow:4px 4px 4px 4px rgb(233, 226,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1858, 76.2704, 70.5916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 226, 208) }
```

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

```
.background{ background-color: rgb(233,  
226, 208) }
```

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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