

Converting Colors

XYZ(72.8256, 75.6987, 75.7380)

Have a look what the booklet for
XYZ(72.8256, 75.6987, 75.7380)
contains.

XYZ(72.6546, 75.5928, 75.7273)	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(72.6546, 75.5928,
75.7273)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E0D8
RGB	233, 224, 216
RGB Percent	91%, 88%, 85%
CMY	0.0863, 0.1215, 0.1529
CMYK	0.00, 0.04, 0.07, 0.09
HSL	28°, 28%, 88%
HSV	28°, 7%, 91%
XYZ	72.6546, 75.5928, 75.7273
YIQ	225.7790, 7.9320, -0.5800

Conversions

Conversions Part 2

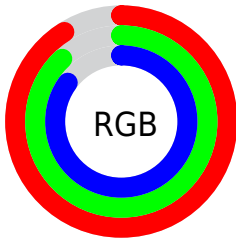
Format	Color
R _Y B	233, 231, 216
Decimal	15327448
CIE Lab	89.67, 1.70, 4.99
CIE LCh	90, 5.271, 71.224
Yxy	75.5928, 0.3244, 0.3375
Android (android.graphics.Color)	4293517528 (0xFFE9E0D8)
YUV	225.7790, -4.8210, 6.3328
Hunter-Lab	86.9441, -2.9892, 9.2200

Details

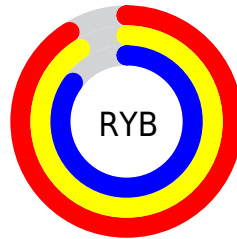
The XYZ color **72.6546, 75.5928, 75.7273** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9520, 74.3314, 87.7522**, and the grayscale version is **72.1606, 75.9186, 82.6753**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7525, 40.2963, 39.4537** is the 20% darker color. If you saturate the color by 10%, you get **66.6596, 68.0859, 59.9062**, and if you desaturate by 10%, it is **79.3213, 83.7578, 93.8815**.

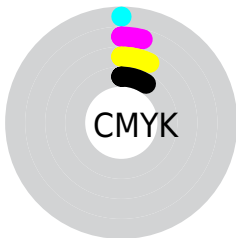
Distribution



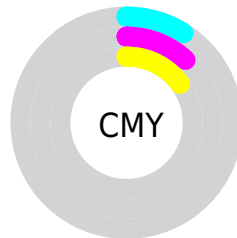
- Red (91%)
- Green (88%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6546, 75.5928, 75.7273 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 72.6546, 75.5928, 75.7273 by changing the saturation by 10% instead.

■ 72.6546, 75.5928,
75.7273

■ 72.6546, 75.5928,
75.7273

458.9392,
479.9526, 499.7356

■ 53.9810, 56.0987,
55.7036

121.9925,
127.1511, 129.0979

■ 38.8170, 40.2820,
39.5629

153.3875,
159.9841, 163.2819

■ 26.7975, 27.7585,
26.8867

189.7537,
198.0322, 203.0231

■ 17.5570, 18.1437,
17.2565

231.4563,
241.6798, 248.7400

■ 10.7302, 11.0532,
10.2536

278.8608,
291.3112, 300.8512

■ 5.9516, 6.1026,
5.4597

332.3326,

■ 2.8561, 2.9076,

347.3109, 359.7751

2.4560

392.2369,
410.0632, 425.9304

■ 1.0781, 1.0837,
0.8167

■ 0.0067, 0.0000,
0.0000

■ 72.6546, 75.5928,
75.7273

■ 72.6546, 75.5928,
75.7273

■ 66.6596, 68.0859,
59.9062

■ 79.3213, 83.7578,
93.8815

■ 61.3070, 61.2099,
46.3174

■ 85.4269, 92.0882,
107.8801

■ 56.5747, 54.9500,
34.8600

■ 87.4147, 96.0638,
108.5427

■ 52.4365, 49.2871,
25.4234

■ 48.8642, 44.2010,
17.8866

■ 45.8269, 39.6700,
12.1159

■ 43.2902, 35.6704,
7.9596

■ 41.2143, 32.1762,
5.2401

■ 39.5486, 29.1565,
3.7243

Harmonies

Analogous

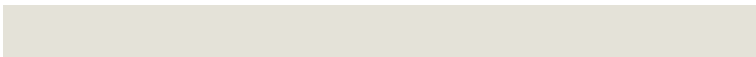
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.7413, 75.5928, 77.6889



72.6546, 75.5928, 75.7273



71.3642, 75.5928, 75.4972

Triad

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



72.6546, 75.5928, 75.7273



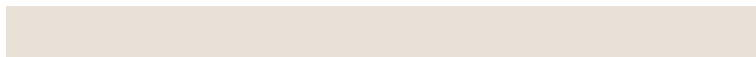
69.4295, 75.5928, 83.7061



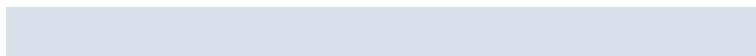
73.5052, 75.5928, 87.7989

Complementary

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



72.6546, 75.5928, 75.7273



69.9520, 74.3314, 87.7522

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.



72.3353, 75.5928, 89.5160



72.6546, 75.5928, 75.7273



69.9887, 75.5928, 87.1061

Square

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



72.6546, 75.5928, 75.7273



69.5127, 75.5928, 80.0296



71.0488, 75.5928, 89.2587



74.2365, 75.5928, 84.6287

Rectangle

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



72.6546, 75.5928, 75.7273



70.5633, 75.5928, 76.3483



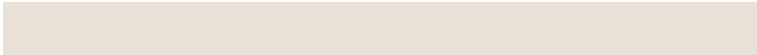
71.0488, 75.5928, 89.2587



73.1496, 75.5928, 88.5694

Sweetspot

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



72.6567, 75.5961, 75.7289



93.3847, 97.9660, 104.3477



71.7608, 71.8764, 81.3742



20.0057, 20.9902, 22.3824



0.0000, 0.0000, 0.0000



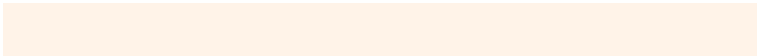
20.3446, 21.4041, 23.3091

Same Dimension

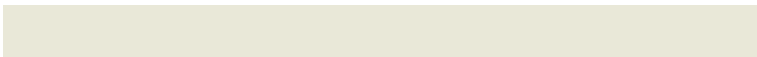
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6567, 75.5961, 75.7289



87.8200, 91.1038, 89.3374



74.9786, 80.2400, 76.5029



15.6503, 16.2236, 15.8253



22.3355, 16.3653, 1.9816



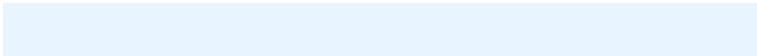
1.8495, 1.4763, 0.1875

Inverse Universe

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



69.9520, 74.3314, 87.7522



83.7542, 89.2026, 107.4112



67.7292, 69.8859, 87.0113



14.8910, 15.8685, 19.2003



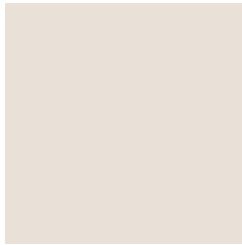
12.5108, 11.6686, 45.3358



1.0786, 1.1087, 3.5920

Previews

White Background



This preview shows how the XYZ color 72.6546, 75.5928, 75.7273 looks on a white background.

Color Contrast Check

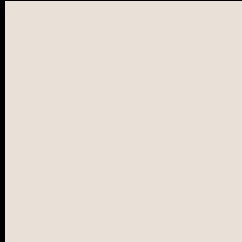
Large Text (above 18pt) WCAG AA × Fail

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 72.6546, 75.5928, 75.7273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

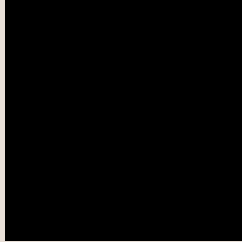
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

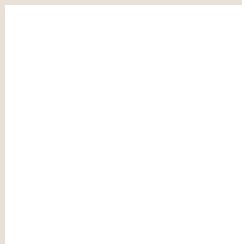
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6546, 75.5928, 75.7273

Background



This preview shows how black text looks on a background with the XYZ color 72.6546, 75.5928, 75.7273.



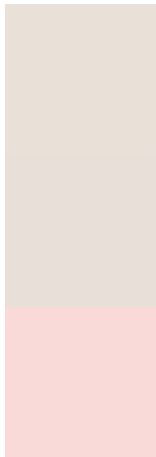
This preview shows how white text looks on a background with the XYZ color 72.6546, 75.5928,

75.7273.

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

72.6546, 75.5928, 75.7273

Protanopia

72.3290, 75.4250, 75.7121

Deuteranopia

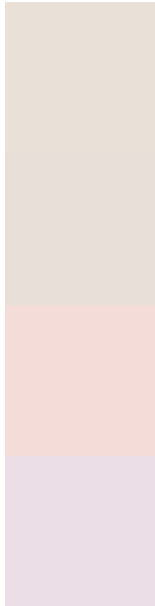
77.0201, 75.4766, 76.1547



Tritanopia

75.8811, 75.7188, 91.5047

Trichromacy



Original Color

72.6546, 75.5928, 75.7273

Protanomaly

72.3290, 75.4250, 75.7121

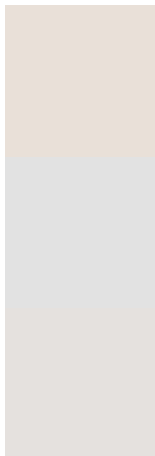
Deuteranomaly

75.4258, 75.4292, 76.2296

Tritanomaly

74.6652, 75.6179, 85.5233

Monochromacy



Original Color

72.6546, 75.5928, 75.7273

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.4231, 75.7824, 79.9176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6546, 75.5928, 75.7273 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, 224, 216) looks like.

```
.text, #text, p{  
    color:rgb(233, 224, 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(233, 224, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 224, 216) }
```

Border

The CSS property to change the border of an element to XYZ 72.6546, 75.5928, 75.7273 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, 224, 216) }
```


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

```
.border{ border-color:rgb(233, 224, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 224, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 224, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 224, 216); box-shadow:4px 4px 4px 4px rgb(233, 224, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6546, 75.5928, 75.7273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 224, 216) }
```

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

```
.background{ background-color: rgb(233,  
224, 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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