

Converting Colors

XYZ(68.7761, 72.9345, 72.0388)

Have a look what the booklet for
XYZ(68.7761, 72.9345, 72.0388)
contains.

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Color

**XYZ(68.6196, 72.7930,
72.0618)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DED3
RGB	224, 222, 211
RGB Percent	88%, 87%, 83%
CMY	0.1216, 0.1294, 0.1725
CMYK	0.00, 0.01, 0.06, 0.12
HSL	51°, 17%, 85%
HSV	51°, 6%, 88%
XYZ	68.6196, 72.7930, 72.0618
YIQ	221.3440, 4.7230, -2.9970

Conversions

Conversions Part 2

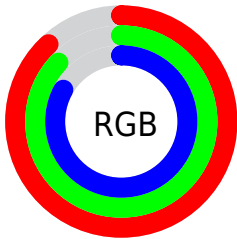
Format	Color
R_{YB}	213, 224, 211
Decimal	14737107
CIE Lab	88.35, -1.23, 5.62
CIE LCh	88, 5.753, 102.386
Yxy	72.7930, 0.3214, 0.3410
Android (android.graphics.Color)	4292927187 (0xFFE0DED3)
YUV	221.3440, -5.0996, 2.3293
Hunter-Lab	85.3188, -5.7452, 9.6458

Details

The XYZ color **68.6196, 72.7930, 72.0618** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1127, 66.8181, 80.0399**, and the grayscale version is **69.0030, 72.5966, 79.0577**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.2667, 38.5068, 37.4194** is the 20% darker color. If you saturate the color by 10%, you get **65.1015, 69.9415, 57.9865**, and if you desaturate by 10%, it is **72.5517, 75.8446, 88.2076**.

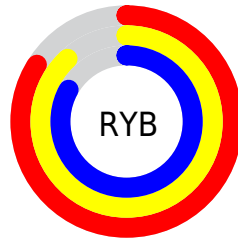
Distribution



Red (88%)

Green (87%)

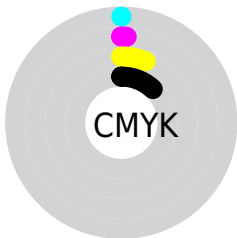
Blue (83%)



Red (84%)

Yellow (88%)

Blue (83%)

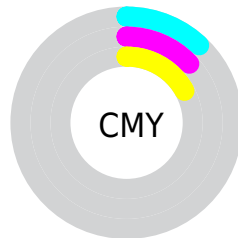


Cyan (0%)

Magenta (1%)

Yellow (6%)

Black (12%)



Cyan (12%)

Magenta (13%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.6196, 72.7930, 72.0618 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 68.6196, 72.7930, 72.0618 by changing the saturation by 10% instead.

■ 68.6196, 72.7930,
72.0618

■ 68.6196, 72.7930,
72.0618

445.0306,
470.2971, 486.7400

■ 50.6775, 53.8067,
52.7220

116.2751,
123.1833, 123.8529

■ 36.1720, 38.4472,
37.1947

146.7193,
155.3561, 157.1414

■ 24.7378, 26.3299,
25.0613

182.0614,
192.6932, 195.9164

■ 16.0095, 17.0706,
15.9033

222.6670,
235.5790, 240.5966

■ 9.6218, 10.2849,
9.3021

268.9014,
284.3979, 291.6006

■ 5.2092, 5.5882,
4.8393

321.1299,

■ 2.4066, 2.5964,

339.5343, 349.3467

2.0962

379.7178,
401.3725, 414.2537

■ 0.8484, 0.9248,
0.6135

■ 0.0000, 0.0000,
0.0000

■ 68.6196, 72.7930,
72.0618

■ 68.6196, 72.7930,
72.0618

■ 65.1015, 69.9415,
57.9865

■ 72.5517, 75.8446,
88.2076

■ 61.9753, 67.2741,
45.8921

■ 76.7778, 79.0414,
105.8176

■ 59.2255, 64.7867,
35.6895

■ 77.7381, 80.9621,
106.1377

■ 56.8336, 62.4717,
27.2812

■ 78.7174, 82.9206,
106.4642

■ 54.7793, 60.3209,
20.5606

■ 79.7157, 84.9173,
106.7969

■ 53.0400, 58.3250,
15.4099

■ 80.7332, 86.9523,
107.1361

■ 51.5904, 56.4737,
11.6962

■ 81.7700, 89.0258,
107.4817

■ 50.4010, 54.7551,
9.2647

■ 82.8261, 91.1381,
107.8338

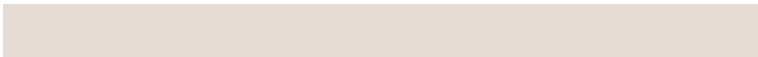
■ 49.4354, 53.1543,
7.9242

■ 83.9017, 93.2893,
108.1923

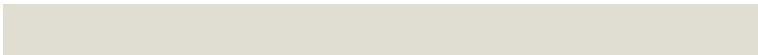
Harmonies

Analogous

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



69.9941, 72.7930, 72.2304



68.6196, 72.7930, 72.0618



67.4131, 72.7930, 73.7744

Triad

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



68.6196, 72.7930, 72.0618



67.2449, 72.7930, 84.4965



71.7492, 72.7930, 81.5825

Complementary

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



68.6196, 72.7930, 72.0618



64.1127, 66.8181, 80.0399

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.



70.9929, 72.7930, 85.0093



68.6196, 72.7930, 72.0618



68.3872, 72.7930, 86.7298

Square

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



68.6196, 72.7930, 72.0618



66.6265, 72.7930, 80.9015



69.7587, 72.7930, 86.9206



71.8134, 72.7930, 77.6393

Rectangle

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



68.6196, 72.7930, 72.0618



66.8615, 72.7930, 75.7867



69.7587, 72.7930, 86.9206



71.5670, 72.7930, 82.8362

Sweetspot

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



68.6216, 72.7962, 72.0634



93.9904, 99.1773, 104.5496



66.0671, 67.2494, 72.5611



20.1289, 21.2367, 22.4235



0.0000, 0.0000, 0.0000



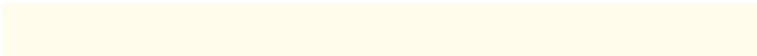
20.3446, 21.4041, 23.3091

Same Dimension

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



68.6216, 72.7962, 72.0634



91.4400, 97.1673, 94.1715



67.8288, 73.1790, 72.1791



14.8321, 15.7717, 15.1535



28.6310, 30.6998, 4.4166



2.0336, 2.2261, 0.3225

Inverse Universe

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



64.1127, 66.8181, 80.0399



84.1530, 87.5059, 107.0627



64.8721, 66.4690, 79.9325



13.5662, 14.0934, 17.3930



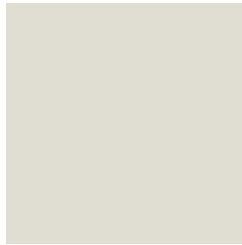
8.2237, 3.9170, 41.3710



0.6236, 0.3786, 2.8855

Previews

White Background



This preview shows how the XYZ color 68.6196, 72.7930, 72.0618 looks on a white background.

Color Contrast Check

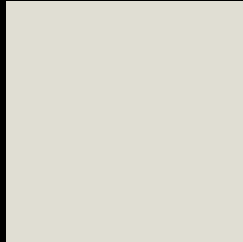
Large Text (above 18pt) WCAG AA × Fail

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 68.6196, 72.7930, 72.0618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

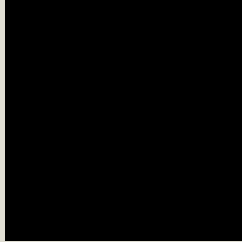
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

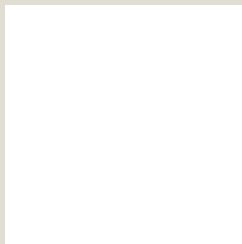
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.6196, 72.7930, 72.0618

Background



This preview shows how black text looks on a background with the XYZ color 68.6196, 72.7930, 72.0618.

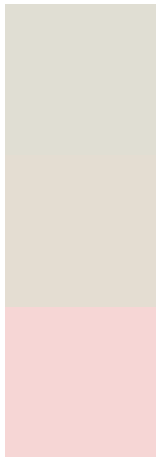


This preview shows how white text looks on a background with the XYZ color 68.6196, 72.7930,

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

68.6196, 72.7930, 72.0618

Protanopia

69.4842, 72.8600, 71.3739

Deuteranopia

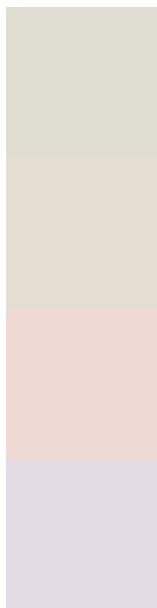
74.0628, 72.4901, 73.0392



Tritanopia

72.2066, 72.6929, 89.5823

Trichromacy



Original Color

68.6196, 72.7930, 72.0618

Protanomaly

69.1679, 72.6969, 71.3591

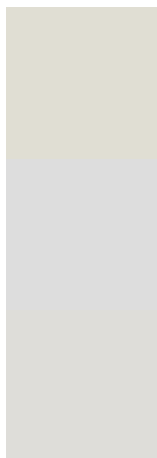
Deuteranomaly

71.9564, 72.5563, 72.4996

Tritanomaly

70.8752, 72.5400, 82.9391

Monochromacy



Original Color

68.6196, 72.7930, 72.0618

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.5050, 72.2523, 75.9811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6196, 72.7930, 72.0618 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(224, 222, 211) looks like.

```
.text, #text, p{  
    color:rgb(224, 222, 211)  
}
```

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(224, 222, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 222, 211) }
```

Border

The CSS property to change the border of an element to XYZ 68.6196, 72.7930, 72.0618 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(224, 222, 211) }
```


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

```
.border{ border-color:rgb(224, 222, 211) }
```

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

Here you see how a box with a 4 pixel rgb(224, 222, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 222, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 222, 211);  
box-shadow:4px 4px 4px 4px rgb(224, 222,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6196, 72.7930, 72.0618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 222, 211) }
```

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

```
.background{ background-color: rgb(224,  
222, 211) }
```

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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