

Converting Colors

XYZ(72.1557, 75.0943, 75.5263)

Have a look what the booklet for
XYZ(72.1557, 75.0943, 75.5263)
contains.

XYZ(72.0611, 74.8890, 75.6227)	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(72.0611, 74.8890,
75.6227)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DFD8
RGB	232, 223, 216
RGB Percent	91%, 87%, 85%
CMY	0.0902, 0.1255, 0.1529
CMYK	0.00, 0.04, 0.07, 0.09
HSL	26°, 26%, 88%
HSV	26°, 7%, 91%
XYZ	72.0611, 74.8890, 75.6227
YIQ	224.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

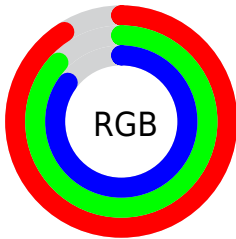
Format	Color
R_{YB}	232, 228, 216
Decimal	15261656
CIE Lab	89.34, 1.87, 4.51
CIE LCh	89, 4.876, 67.497
Yxy	74.8890, 0.3238, 0.3365
Android (android.graphics.Color)	4293451736 (0xFFE8DFD8)
YUV	224.8930, -4.3842, 6.2328
Hunter-Lab	86.5384, -2.8042, 8.7656

Details

The XYZ color **72.0611, 74.8890, 75.6227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8096, 74.2745, 87.0021**, and the grayscale version is **71.5196, 75.2442, 81.9409**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3402, 39.8086, 39.3813** is the 20% darker color. If you saturate the color by 10%, you get **65.9197, 67.0714, 59.8077**, and if you desaturate by 10%, it is **78.8988, 83.4195, 93.7608**.

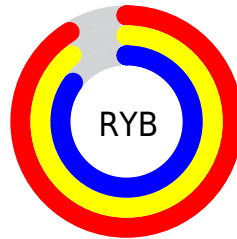
Distribution



Red (91%)

Green (87%)

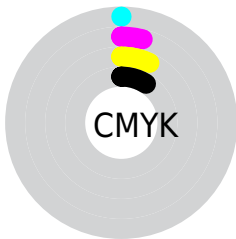
Blue (85%)



Red (91%)

Yellow (89%)

Blue (85%)

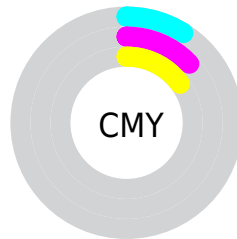


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (9%)



Cyan (9%)

Magenta (13%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0611, 74.8890, 75.6227 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 72.0611, 74.8890, 75.6227 by changing the saturation by 10% instead.

72.0611, 74.8890,
75.6227

72.0611, 74.8890,
75.6227

456.9086,
477.5360, 499.3676

53.4942, 55.5220,
55.6184

121.1537,
126.1552, 128.9486

38.4265, 39.8198,
39.4951

152.4102,
158.8232, 163.1073

26.4926, 27.3981,
26.8343

188.6272,
196.6936, 202.8212

17.3271, 17.8724,
17.2175

230.1702,
240.1508, 248.5088

10.5647, 10.8584,
10.2261

277.4045,
289.5793, 300.5887

5.8401, 5.9717,
5.4416

330.6954,

2.7878, 2.8279,

345.3634, 359.4795

2.4454

390.4083,
407.8875, 425.5996

■ 1.0426, 1.0425,
0.8110

■ 0.0000, 0.0000,
0.0000

■ 72.0611, 74.8890,
75.6227

■ 72.0611, 74.8890,
75.6227

■ 65.9197, 67.0714,
59.8077

■ 78.8988, 83.4195,
93.7608

■ 60.4446, 59.9380,
46.2162

■ 85.2340, 92.1856,
107.9090

■ 55.6128, 53.4719,
34.7480

■ 87.0892, 95.8960,
108.5274

■ 51.3974, 47.6521,
25.2938

■ 47.7695, 42.4562,
17.7339

■ 44.6973, 37.8603,
11.9363

■ 42.1457, 33.8386,
7.7512

■ 40.0740, 30.3626,
5.0037

■ 38.4322, 27.3990,
3.4697

Harmonies

Analogous

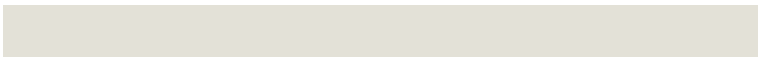
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0148, 74.8890, 77.6083



72.0611, 74.8890, 75.6227



70.8809, 74.8890, 75.2013

Triad

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



72.0611, 74.8890, 75.6227



68.9301, 74.8890, 82.4014



72.5849, 74.8890, 86.8642

Complementary

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



72.0611, 74.8890, 75.6227



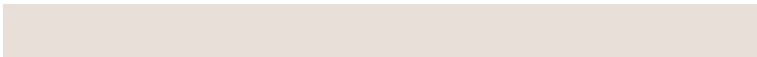
69.8096, 74.2745, 87.0021

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.



71.4794, 74.8890, 88.2282



72.0611, 74.8890, 75.6227



69.3757, 74.8890, 85.6052

Square

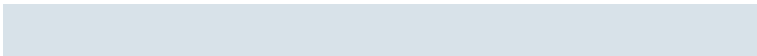
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0611, 74.8890, 75.6227



69.0819, 74.8890, 79.0534



70.3056, 74.8890, 87.7611



73.3196, 74.8890, 84.0811

Rectangle

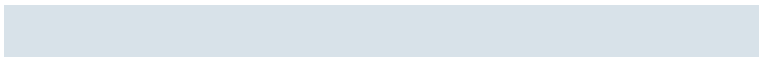
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.0611, 74.8890, 75.6227



70.1261, 74.8890, 75.8530



70.3056, 74.8890, 87.7611



72.2439, 74.8890, 87.5073

Sweetspot

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



72.0632, 74.8923, 75.6243



93.3317, 97.8599, 104.3300



71.4353, 71.7085, 81.3590



19.9949, 20.9686, 22.3788



0.0000, 0.0000, 0.0000



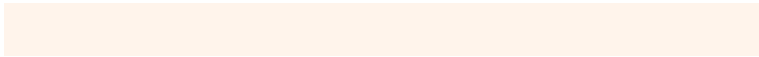
20.3446, 21.4041, 23.3091

Same Dimension

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



72.0632, 74.8923, 75.6243



88.3871, 91.6540, 91.3271



74.2317, 79.2293, 76.3472



14.8935, 15.4008, 15.0921



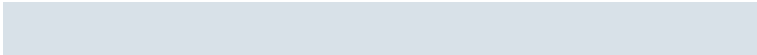
21.2093, 14.9927, 1.7760



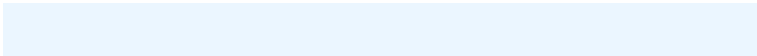
1.6584, 1.2901, 0.1616

Inverse Universe

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



69.8096, 74.2745, 87.0021



85.1561, 90.7682, 107.6396



67.7155, 70.0863, 86.3040



14.2518, 15.2249, 18.3319



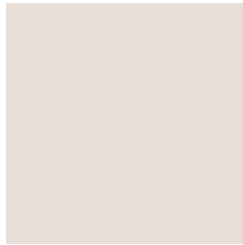
12.6782, 12.4184, 44.1120



1.0290, 1.1019, 3.2904

Previews

White Background



This preview shows how the XYZ color 72.0611, 74.8890, 75.6227 looks on a white background.

Color Contrast Check

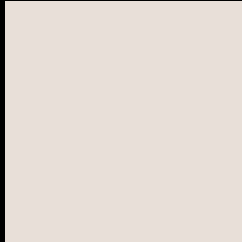
Large Text (above 18pt) WCAG AA × Fail

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 72.0611, 74.8890, 75.6227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

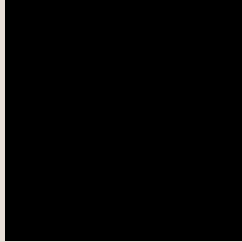
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

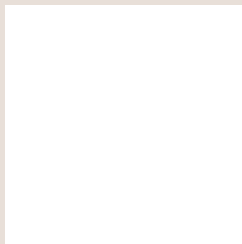
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.0611, 74.8890, 75.6227

Background



This preview shows how black text looks on a background with the XYZ color 72.0611, 74.8890, 75.6227.



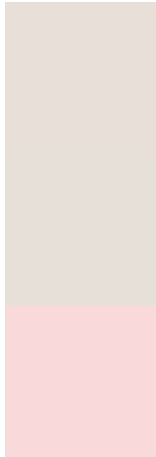
This preview shows how white text looks on a background with the XYZ color 72.0611, 74.8890,

75.6227.

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

72.0611, 74.8890, 75.6227

Protanopia

71.6835, 75.0922, 75.6819

Deuteranopia

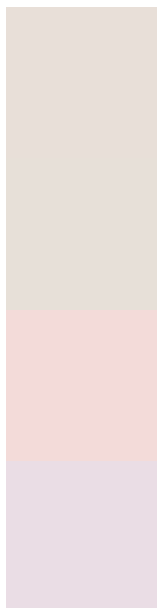
76.4042, 74.7752, 76.0518



Tritanopia

75.1402, 74.9630, 90.6298

Trichromacy



Original Color

72.0611, 74.8890, 75.6227

Protanomaly

72.0053, 75.2581, 75.6969

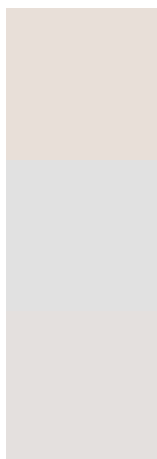
Deuteranomaly

74.8181, 74.7275, 76.1262

Tritanomaly

73.9310, 74.8625, 84.6821

Monochromacy



Original Color

72.0611, 74.8890, 75.6227

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.8354, 75.0792, 79.8128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0611, 74.8890, 75.6227 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, 223, 216) looks like.

```
.text, #text, p{  
    color:rgb(232, 223, 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, 223, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 223, 216) }
```

Border

The CSS property to change the border of an element to XYZ 72.0611, 74.8890, 75.6227 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, 223, 216) }
```


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

```
.border{ border-color:rgb(232, 223, 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, 223, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 223, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 223, 216);  
box-shadow:4px 4px 4px 4px rgb(232, 223,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0611, 74.8890, 75.6227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 223, 216) }
```

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

```
.background{ background-color: rgb(232,  
223, 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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