

Converting Colors

XYZ(71.1175, 72.4338, 80.6680)

Have a look what the booklet for
XYZ(71.1175, 72.4338, 80.6680)
contains.

XYZ(71.1591, 72.3476, 80.7350)	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(71.1591, 72.3476,
80.7350)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DAE0
RGB	230, 218, 224
RGB Percent	90%, 85%, 88%
CMY	0.0980, 0.1451, 0.1216
CMYK	0.00, 0.05, 0.03, 0.10
HSL	330°, 19%, 88%
HSV	330°, 5%, 90%
XYZ	71.1591, 72.3476, 80.7350
YIQ	222.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

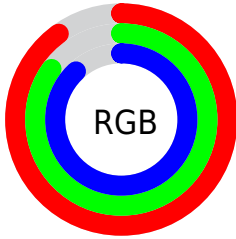
Format	Color
R _Y B	230, 218, 224
Decimal	15129312
CIE Lab	88.14, 5.15, -1.48
CIE LCh	88, 5.359, 343.997
Yxy	72.3476, 0.3173, 0.3226
Android (android.graphics.Color)	4293319392 (0xFFE6DAE0)
YUV	222.2720, 0.8519, 6.7775
Hunter-Lab	85.0574, 0.4828, 3.2631

Details

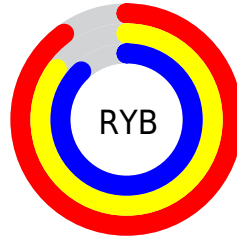
The XYZ color **71.1591, 72.3476, 80.7350** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6676, 76.8828, 81.6401**, and the grayscale version is **69.6167, 73.2422, 79.7607**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7142, 38.0576, 42.8942** is the 20% darker color. If you saturate the color by 10%, you get **64.0965, 60.6344, 70.9424**, and if you desaturate by 10%, it is **79.1591, 85.7645, 91.3626**.

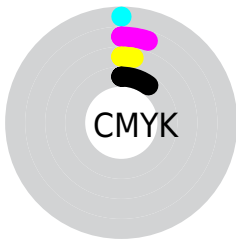
Distribution



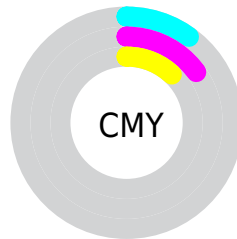
- Red (90%)
- Green (85%)
- Blue (88%)



- Red (90%)
- Yellow (85%)
- Blue (88%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (10%)



- Cyan (10%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1591, 72.3476, 80.7350 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 71.1591, 72.3476, 80.7350 by changing the saturation by 10% instead.

71.1591, 72.3476,
80.7350

71.1591, 72.3476,
80.7350

453.8126,
468.7506, 517.1783

52.7550, 53.4427,
59.7937

119.8775,
122.5506, 136.2193

37.8340, 38.1563,
42.8281

150.9226,
154.6175, 171.5994

26.0305, 26.1040,
29.4199

186.9121,
191.8404, 212.6294

16.9792, 16.9015,
19.1504

228.2113,
234.6039, 259.7280

10.3149, 10.1643,
11.6011

275.1856,
283.2922, 313.3136

5.6721, 5.5080,
6.3534

328.2003,

2.6855, 2.5483,

338.2899, 373.8049

2.9889

387.6209,
399.9812, 441.6203

■ 0.9897, 0.9007,
1.0890

■ 0.0000, 0.0000,
0.0000

■ 71.1591, 72.3476,
80.7350

■ 71.1591, 72.3476,
80.7350

■ 64.0965, 60.6344,
70.9424

■ 79.1591, 85.7645,
91.3626

■ 57.9290, 50.5470,
61.9579

■ 85.1835, 95.0592,
101.8617

■ 52.6204, 42.0151,
53.7598

■ 86.4436, 95.5632,
108.4972

■ 48.1296, 34.9600,
46.3235

■ 44.4116, 29.2956,
39.6227

■ 41.4172, 24.9271,
33.6294

■ 39.0909, 21.7475,
28.3130

■ 37.3686, 19.6327,
23.6394

■ 36.1719, 18.4301,
19.5692

Harmonies

Analogous

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



70.4893, 72.3476, 83.9585



71.1591, 72.3476, 80.7350



71.1819, 72.3476, 77.0804

Triad

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



71.1591, 72.3476, 80.7350



68.1702, 72.3476, 72.1260



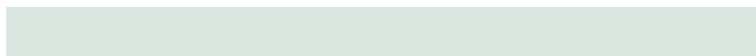
67.0075, 72.3476, 83.7764

Complementary

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



71.1591, 72.3476, 80.7350



70.6676, 76.8828, 81.6401

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.



66.4019, 72.3476, 80.4927



71.1591, 72.3476, 80.7350



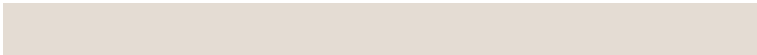
67.0675, 72.3476, 73.8079

Square

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



71.1591, 72.3476, 80.7350



69.4455, 72.3476, 72.1863



66.4237, 72.3476, 76.8455



68.0874, 72.3476, 85.7513

Rectangle

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



71.1591, 72.3476, 80.7350



70.8265, 72.3476, 74.8955



66.4237, 72.3476, 76.8455



66.7423, 72.3476, 82.7847

Sweetspot

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



71.1612, 72.3507, 80.7366



93.0365, 96.6259, 106.2162



70.0975, 71.7067, 85.0103



19.9348, 20.7173, 22.7629



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.



71.1612, 72.3507, 80.7366



89.1540, 90.1406, 100.9771



70.3620, 72.0311, 76.5283



15.1202, 15.2263, 17.1039



20.2875, 10.2492, 10.4090



1.5461, 0.7761, 1.0161

Inverse Universe

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



71.1612, 72.3507, 80.7366



89.1540, 90.1406, 100.9771



71.4954, 77.2140, 85.9996



15.1202, 15.2263, 17.1039



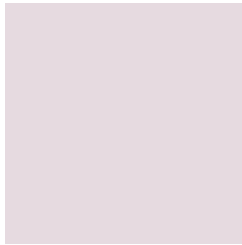
20.2875, 10.2492, 10.4090



1.5461, 0.7761, 1.0161

Previews

White Background



This preview shows how the XYZ color 71.1591, 72.3476, 80.7350 looks on a white background.

Color Contrast Check

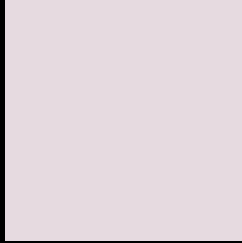
Large Text (above 18pt) WCAG AA × Fail

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 71.1591, 72.3476, 80.7350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

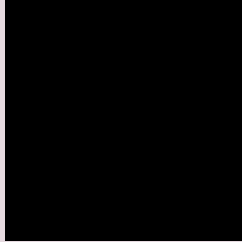
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

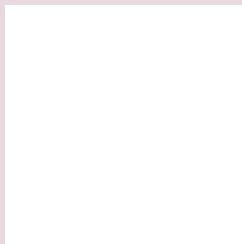
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.1591, 72.3476, 80.7350

Background



This preview shows how black text looks on a background with the XYZ color 71.1591, 72.3476, 80.7350.

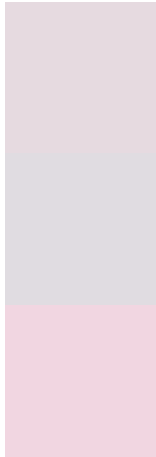


This preview shows how white text looks on a background with the XYZ color 71.1591, 72.3476,

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

71.1591, 72.3476, 80.7350

Protanopia

69.9243, 72.4699, 81.5369

Deuteranopia

73.9128, 72.2301, 81.2804



Tritanopia

72.6191, 72.5551, 88.0190

Trichromacy



Original Color

71.1591, 72.3476, 80.7350

Protanomaly

70.2862, 72.2680, 81.4788

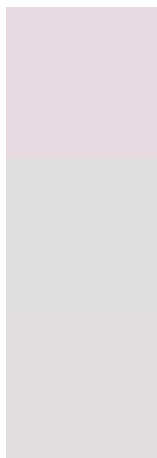
Deuteranomaly

72.8161, 72.0416, 81.3018

Tritanomaly

72.0508, 72.3278, 85.0261

Monochromacy



Original Color

71.1591, 72.3476, 80.7350

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.2271, 73.0482, 80.2104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1591, 72.3476, 80.7350 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(230, 218, 224) looks like.

```
.text, #text, p{  
    color:rgb(230, 218, 224)  
}
```

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(230, 218, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 218, 224) }
```

Border

The CSS property to change the border of an element to XYZ 71.1591, 72.3476, 80.7350 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(230, 218, 224) }
```


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

```
.border{ border-color:rgb(230, 218, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 218, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 218, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 218, 224);  
box-shadow:4px 4px 4px 4px rgb(230, 218,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1591, 72.3476, 80.7350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 218, 224) }
```

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

```
.background{ background-color: rgb(230,  
218, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor