

Converting Colors

XYZ(70.8698, 77.4671, 59.9326)

Have a look what the booklet for
XYZ(70.8698, 77.4671, 59.9326)
contains.

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Color

**XYZ(70.8698, 77.4671,
59.9326)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E8E6BE |
| RGB | 232, 230, 190 |
| RGB Percent | 91%, 90%, 75% |
| CMY | 0.0902, 0.0980, 0.2549 |
| CMYK | 0.00, 0.01, 0.18, 0.09 |
| HSL | 57°, 48%, 83% |
| HSV | 57°, 18%, 91% |
| XYZ | 70.8698, 77.4671, 59.9326 |
| YIQ | 226.0380, 14.0320, -12.0160 |

Conversions

Conversions Part 2

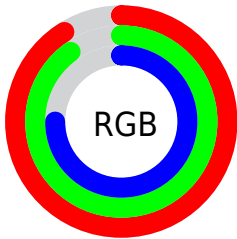
| Format | Color |
|-------------------------------------|--|
| RYB | 192, 232, 190 |
| Decimal | 15263422 |
| CIELab | 90.54, -5.81, 19.78 |
| CIELCh | 91, 20.612, 106.377 |
| Yxy | 77.4671, 0.3403, 0.3720 |
| Android (android.graphics.Color) | 4293453502 (0xFFE8E6BE) |
| YUV | 226.0380, -17.7667, 5.2287 |
| Hunter-Lab | 88.0154, -10.2991, 21.2383 |

Details

The XYZ color **70.8698, 77.4671, 59.9326** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **54.6503, 54.4716, 83.9782**, and the grayscale version is **72.4353, 76.2075, 82.9900**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **37.6784, 41.6676, 29.3493** is the 20% darker color. If you saturate the color by 10%, you get **68.2284, 75.9239, 47.5220**, and if you desaturate by 10%, it is **73.9210, 79.1825, 74.4730**.

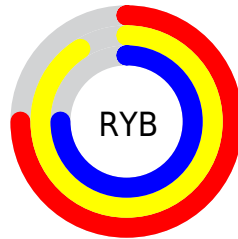
Distribution



Red (91%)

Green (90%)

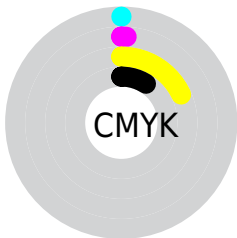
Blue (75%)



Red (75%)

Yellow (91%)

Blue (75%)

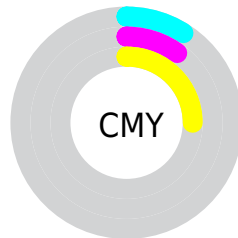


Cyan (0%)

Magenta (1%)

Yellow (18%)

Black (9%)



Cyan (9%)

Magenta (10%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8698, 77.4671, 59.9326 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 70.8698, 77.4671, 59.9326 by changing the saturation by 10% instead.

70.8698, 77.4671,
59.9326

70.8698, 77.4671,
59.9326

452.8171,
486.3551, 442.1470

52.5181, 57.6363,
42.9394

119.4678,
129.7986, 106.2743

37.6441, 41.5163,
29.5065

150.4449,
163.0682, 136.4599

25.8826, 28.7228,
19.2154

186.3611,
201.5861, 171.8799

16.8680, 18.8712,
11.6477

227.5818,
245.7368, 212.9531

10.2352, 11.5772,
6.3846

274.4725,
295.9046, 260.0978

5.6186, 6.4565,
3.0078

327.3983,

2.6530, 3.1246,

352.4741, 313.7327

1.0986

386.7247,
415.8294, 374.2762

■ 0.9731, 1.1971,
0.0000

■ 0.0000, 0.0594,
0.0000

■ 70.8698, 77.4671,
59.9326

■ 70.8698, 77.4671,
59.9326

■ 68.2284, 75.9239,
47.5220

■ 73.9210, 79.1825,
74.4730

■ 65.9715, 74.5351,
37.1359


■ 77.3935, 81.0669,
91.2319


■ 64.0805, 73.2957,
28.6675


■ 80.5563, 82.8305,
106.3499

■ 62.5331, 72.1968,
21.9981


■ 80.8698, 83.4576,
106.4544


 61.3040, 71.2283,
16.9962


 81.1853, 84.0886,
106.5595

 60.3650, 70.3789,
13.5120


 81.5027, 84.7234,
106.6653


 59.6825, 69.6352,
11.3691

 81.8221, 85.3622,
106.7718

 59.2095, 68.9784,
10.3199

 82.1435, 86.0050,
106.8789

 59.1301, 68.8583,
10.1745

 82.4668, 86.6516,
106.9867

Harmonies

Analogous

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



75.9903, 77.4671, 59.6518



70.8698, 77.4671, 59.9326



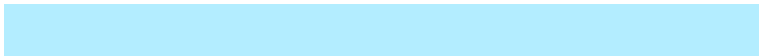
66.6834, 77.4671, 66.2354

Triad

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



70.8698, 77.4671, 59.9326



66.9993, 77.4671, 106.6191



83.6927, 77.4671, 91.2150

Complementary

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



70.8698, 77.4671, 59.9326



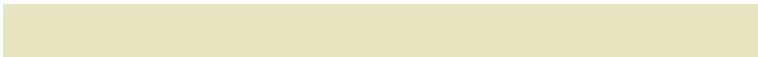
54.6503, 54.4716, 83.9782

Split Complementary

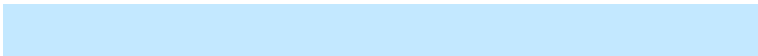
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0433, 77.4671, 105.4950



70.8698, 77.4671, 59.9326



71.3194, 77.4671, 115.0646

Square

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



70.8698, 77.4671, 59.9326



64.5212, 77.4671, 92.6108



76.4613, 77.4671, 114.6307



83.5585, 77.4671, 76.5928

Rectangle

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



70.8698, 77.4671, 59.9326



64.9145, 77.4671, 73.4737



76.4613, 77.4671, 114.6307



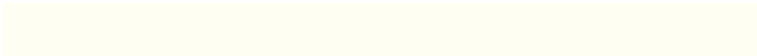
83.0930, 77.4671, 96.2466

Sweetspot

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



70.8718, 77.4705, 59.9342



92.8717, 98.8200, 98.3807



61.2186, 57.7940, 57.8571



19.8151, 21.1170, 20.7532



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.



70.8718, 77.4705, 59.9342



86.4529, 95.2103, 67.7929



65.6213, 75.5927, 59.8485



15.5399, 16.6936, 15.3076



32.8536, 38.2814, 5.6575



2.4460, 2.8652, 0.4241

Inverse Universe

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



54.6503, 54.4716, 83.9782



62.5952, 61.3856, 103.1572



59.2461, 56.1949, 84.0686



13.6375, 13.9964, 18.1271



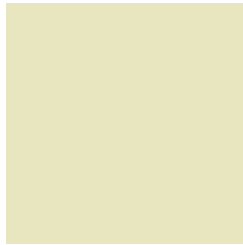
8.1782, 3.4185, 42.6120



0.6238, 0.2916, 3.1554

Previews

White Background



This preview shows how the XYZ color 70.8698, 77.4671, 59.9326 looks on a white background.

Color Contrast Check

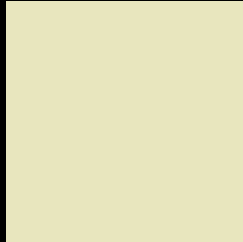
Large Text (above 18pt) WCAG AA × Fail

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 70.8698, 77.4671, 59.9326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

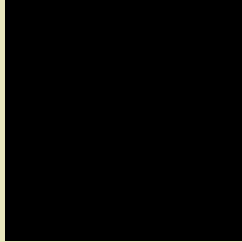
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

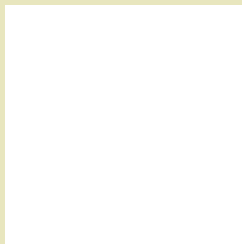
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.8698, 77.4671, 59.9326

Background



This preview shows how black text looks on a background with the XYZ color 70.8698, 77.4671, 59.9326.



This preview shows how white text looks on a background with the XYZ color 70.8698, 77.4671,

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

70.8698, 77.4671, 59.9326

Protanopia

72.9300, 77.3131, 59.2232

Deuteranopia

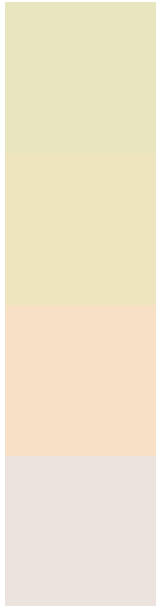
77.6391, 77.1899, 66.0655



Tritanopia

77.8615, 77.4769, 94.0699

Trichromacy



Original Color

70.8698, 77.4671, 59.9326

Protanomaly

72.1886, 77.3381, 59.2671

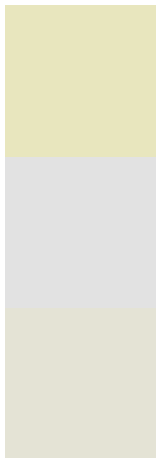
Deuteranomaly

75.0915, 77.1167, 63.7506

Tritanomaly

74.9732, 77.4995, 80.1146

Monochromacy



Original Color

70.8698, 77.4671, 59.9326

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.4742, 76.2362, 73.8988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8698, 77.4671, 59.9326 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, 230, 190)` looks like.

```
.text, #text, p{  
    color:rgb(232, 230, 190)  
}
```

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, 230, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 230, 190) }
```

Border

The CSS property to change the border of an element to XYZ 70.8698, 77.4671, 59.9326 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, 230, 190) }
```


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

```
.border{ border-color:rgb(232, 230, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 230, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 230, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 230, 190);  
box-shadow:4px 4px 4px 4px rgb(232, 230,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8698, 77.4671, 59.9326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 230, 190) }
```

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

```
.background{ background-color: rgb(232,  
230, 190) }
```

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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