

Converting Colors

XYZ(61.7925, 70.9927, 30.6966)

Have a look what the booklet for
XYZ(61.7925, 70.9927, 30.6966)
contains.

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Color

**XYZ(61.9160, 71.0386,
30.8706)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E2E080 |
| RGB | 226, 224, 128 |
| RGB Percent | 89%, 88%, 50% |
| CMY | 0.1137, 0.1215, 0.4980 |
| CMYK | 0.00, 0.01, 0.43, 0.11 |
| HSL | 59°, 63%, 69% |
| HSV | 59°, 43%, 89% |
| XYZ | 61.9160, 71.0386, 30.8706 |
| YIQ | 213.6540, 32.0080, -29.4320 |

Conversions

Conversions Part 2

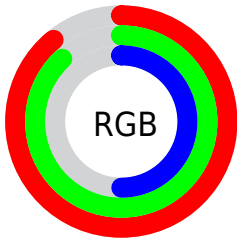
| Format | Color |
|-------------------------------------|---|
| RYB | 130, 226, 128 |
| Decimal | 14868608 |
| CIELab | 87.50, -12.70, 47.07 |
| CIELCh | 88, 48.750, 105.102 |
| Yxy | 71.0386, 0.3779, 0.4336 |
| Android (android.graphics.Color) | 4293058688 (0xFFE2E080) |
| YUV | 213.6540, -42.2274, 10.8274 |
| Hunter-Lab | 84.2844, -16.3702, 37.2831 |

Details

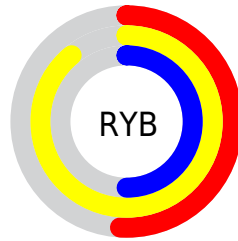
The XYZ color **61.9160, 71.0386, 30.8706** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.6122, 26.0448, 75.3651**, and the grayscale version is **63.9452, 67.2753, 73.2628**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **31.8547, 37.3328, 12.3645** is the 20% darker color. If you saturate the color by 10%, you get **60.4684, 70.2646, 23.8488**, and if you desaturate by 10%, it is **63.6987, 71.9523, 39.6402**.

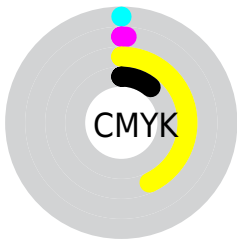
Distribution



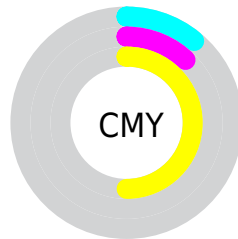
- Red (89%)
- Green (88%)
- Blue (50%)



- Red (51%)
- Yellow (89%)
- Blue (50%)



- Cyan (0%)
- Magenta (1%)
- Yellow (43%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9160, 71.0386, 30.8706 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 61.9160, 71.0386, 30.8706 by changing the saturation by 10% instead.

61.9160, 71.0386,
30.8706

61.9160, 71.0386,
30.8706

421.3471,
464.1884, 320.2744

45.2202, 52.3737,
20.2427

106.6947,
120.6887, 62.1135

31.8329, 37.3030,
12.3858

135.5084,
152.4427, 83.5655

21.3888, 25.4422,
6.8812

169.0920,
189.3284, 109.4627

13.5226, 16.4068,
3.3106

207.8109,
231.7304, 140.2236

7.8689, 9.8125,
1.2553

252.0305,
280.0330, 176.2666

4.0622, 5.2748,
0.0248

302.1162,

1.7374, 2.4094,

334.6206, 218.0104

0.0000

358.4332,
395.8776, 265.8735

■ 0.4795, 0.8307,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9160, 71.0386,
30.8706

■ 61.9160, 71.0386,
30.8706

■ 60.4684, 70.2646,
23.8488

■ 63.6987, 71.9523,
39.6402

■ 59.3285, 69.6117,
18.4532


■ 65.8316, 73.0040,
50.2596


■ 58.4730, 69.0731,
14.5537


■ 68.3349, 74.2044,
62.8282


■ 57.8730, 68.6373,
11.9984

■ 71.2260, 75.5604,
77.4369

 57.4937, 68.2902,
10.6031


 74.5210, 77.0786,
94.1712

 57.3266, 68.0940,
10.1220

 76.8188, 78.1984,
105.6528

 76.9446, 78.4500,
105.6947

 77.0707, 78.7022,
105.7367

 77.1972, 78.9551,
105.7789

Harmonies

Analogous

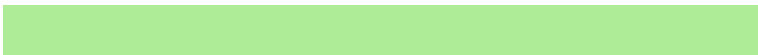
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.3721, 71.0386, 30.8390



61.9160, 71.0386, 30.8706



53.0235, 71.0386, 40.6784

Triad

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



61.9160, 71.0386, 30.8706



53.0709, 71.0386, 131.5014



91.2481, 71.0386, 94.8179

Complementary

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



61.9160, 71.0386, 30.8706



30.6122, 26.0448, 75.3651

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.



84.4438, 71.0386, 131.2744



61.9160, 71.0386, 30.8706



61.9878, 71.0386, 156.2027

Square

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



61.9160, 71.0386, 30.8706



48.3258, 71.0386, 95.0676



73.4525, 71.0386, 156.1095



91.2232, 71.0386, 61.9812

Rectangle

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



61.9160, 71.0386, 30.8706



49.3675, 71.0386, 53.6132



73.4525, 71.0386, 156.1095



89.6524, 71.0386, 107.2233

Sweetspot

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



61.9177, 71.0419, 30.8721



89.9499, 97.6163, 83.1028



43.1986, 33.2538, 25.7104



19.0865, 20.8148, 16.9492



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.



61.9177, 71.0419, 30.8721



79.6830, 92.4857, 32.1944



49.9776, 65.6867, 30.4677



14.8466, 15.9792, 14.6086



32.7162, 38.8704, 5.7784



2.2754, 2.7097, 0.4031

Inverse Universe

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



30.6122, 26.0448, 75.3651



33.4788, 26.0789, 97.8769



38.8435, 29.8983, 75.6751



12.9743, 13.2877, 17.2687



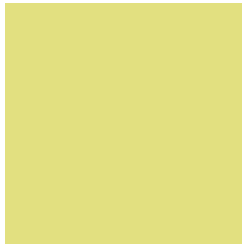
7.8704, 3.2103, 41.2532



0.5535, 0.2385, 2.8621

Previews

White Background



This preview shows how the XYZ color 61.9160, 71.0386, 30.8706 looks on a white background.

Color Contrast Check

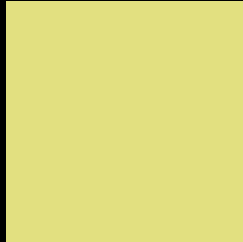
Large Text (above 18pt) WCAG AA × Fail

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 61.9160, 71.0386, 30.8706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

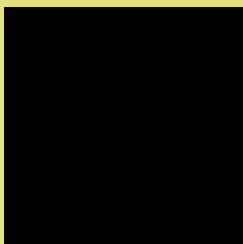
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

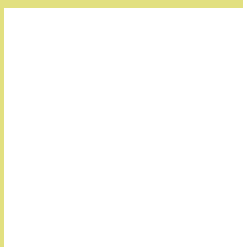
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9160, 71.0386, 30.8706

Background



This preview shows how black text looks on a background with the XYZ color 61.9160, 71.0386, 30.8706.



This preview shows how white text looks on a background with the XYZ color 61.9160, 71.0386,

30.8706.

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

61.9160, 71.0386, 30.8706

Protanopia

65.0326, 70.6947, 29.9565

Deuteranopia

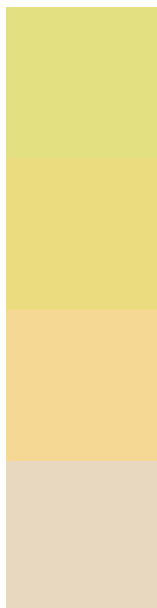
71.0415, 70.8502, 42.7320



Tritanopia

72.6114, 70.7486, 83.9576

Trichromacy



Original Color

61.9160, 71.0386, 30.8706

Protanomaly

63.9482, 70.9074, 30.3947

Deuteranomaly

67.2094, 70.4829, 38.0792

Tritanomaly

67.6746, 70.2411, 59.8602

Monochromacy



Original Color

61.9160, 71.0386, 30.8706

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.5321, 68.4671, 54.7194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9160, 71.0386, 30.8706 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(226, 224, 128)` looks like.

```
.text, #text, p{  
    color:rgb(226, 224, 128)  
}
```

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(226, 224, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 224, 128) }
```

Border

The CSS property to change the border of an element to XYZ 61.9160, 71.0386, 30.8706 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(226, 224, 128) }
```


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

```
.border{ border-color:rgb(226, 224, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 224, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 224, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 224, 128); box-shadow:4px 4px 4px 4px rgb(226, 224, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9160, 71.0386, 30.8706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 224, 128) }
```

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

```
.background{ background-color: rgb(226,  
224, 128) }
```

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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