

Converting Colors

XYZ(62.1337, 72.1864, 28.1140)

Have a look what the booklet for
XYZ(62.1337, 72.1864, 28.1140)
contains.

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Color

**XYZ(61.8902, 71.8934,
28.0676)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E2E277 |
| RGB | 226, 226, 119 |
| RGB Percent | 89%, 89%, 47% |
| CMY | 0.1137, 0.1137, 0.5333 |
| CMYK | 0.00, 0.00, 0.47, 0.11 |
| HSL | 60°, 65%, 68% |
| HSV | 60°, 47%, 89% |
| XYZ | 61.8902, 71.8934, 28.0676 |
| YIQ | 213.8020, 34.3470, -33.2770 |

Conversions

Conversions Part 2

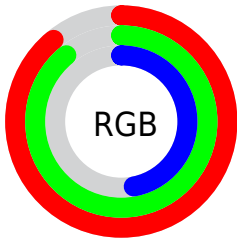
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 119, 226, 119 |
| Decimal | 14869111 |
| CIELab | 87.92, -14.54, 51.88 |
| CIELCh | 88, 53.882, 105.659 |
| Yxy | 71.8934, 0.3824, 0.4442 |
| Android (android.graphics.Color) | 4293059191 (0xFFE2E277) |
| YUV | 213.8020, -46.7374, 10.6976 |
| Hunter-Lab | 84.7900, -18.0911, 39.7265 |

Details

The XYZ color **61.8902, 71.8934, 28.0676** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.9345, 22.6083, 74.8474**, and the grayscale version is **64.0731, 67.4099, 73.4094**.

A 20% lighter version of the original color is **84.5428, 95.7971, 53.5700**, and **31.9382, 37.9661, 10.9551** is the 20% darker color. If you saturate the color by 10%, you get **60.6915, 71.4165, 21.7497**, and if you desaturate by 10%, it is **63.4152, 72.5060, 36.0881**.

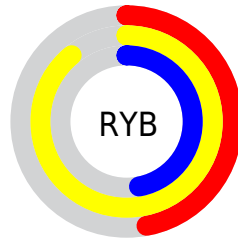
Distribution



Red (89%)

Green (89%)

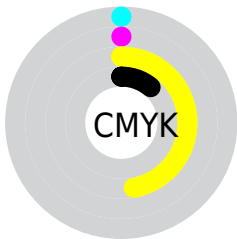
Blue (47%)



Red (47%)

Yellow (89%)

Blue (47%)

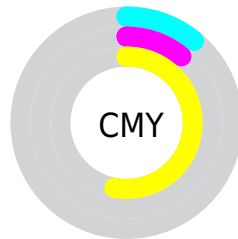


Cyan (0%)

Magenta (0%)

Yellow (47%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8902, 71.8934, 28.0676 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 61.8902, 71.8934, 28.0676 by changing the saturation by 10% instead.

61.8902, 71.8934,
28.0676

61.8902, 71.8934,
28.0676

421.2544,
467.1705, 306.7119

45.1992, 53.0716,
18.1371

106.6577,
121.9050, 57.6167

31.8163, 37.8599,
10.8780

135.4649,
153.8635, 78.0725

21.3761, 25.8740,
5.8717

169.0416,
190.9698, 102.8738

13.5132, 16.7294,
2.6997

207.7531,
233.6081, 132.4391

7.8623, 10.0417,
0.9433

251.9647,
282.1630, 167.1871

4.0580, 5.4266,
0.0000

302.0420,

1.7350, 2.4997,

337.0187, 207.5362

0.0000

358.3501,
398.5598, 253.9049

■ 0.4780, 0.8765,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8902, 71.8934,
28.0676

■ 61.8902, 71.8934,
28.0676

■ 60.6915, 71.4165,
21.7497

■ 63.4152, 72.5060,
36.0881

■ 59.7905, 71.0560,
17.0075


■ 65.2821, 73.2529,
45.9172


■ 59.1627, 70.8049,
13.7038


■ 67.5120, 74.1448,
57.6573


■ 58.7772, 70.6506,
11.6757


■ 70.1225, 75.1891,
71.4022


 58.5928, 70.5768,
10.7068


 73.1304, 76.3923,
87.2392

 58.5598, 70.5636,
10.5337

 76.5511, 77.7607,
105.2507

 76.6148, 77.7862,
105.5839

 76.6152, 77.7864,
105.5840

 76.6157, 77.7866,
105.5840

Harmonies

Analogous

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



74.6244, 71.8934, 27.8559



61.8902, 71.8934, 28.0676



52.1696, 71.8934, 38.5668

Triad

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



61.8902, 71.8934, 28.0676



52.5055, 71.8934, 140.4329



95.1168, 71.8934, 97.1081

Complementary

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



61.8902, 71.8934, 28.0676



27.9345, 22.6083, 74.8474

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.



87.5301, 71.8934, 138.7433



61.8902, 71.8934, 28.0676



62.4047, 71.8934, 168.5762

Square

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



61.8902, 71.8934, 28.0676



47.2319, 71.8934, 98.9315



75.2071, 71.8934, 167.8758



94.9339, 71.8934, 60.7226

Rectangle

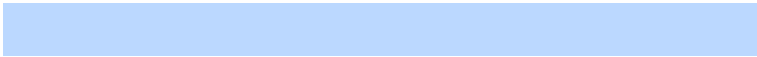
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.8902, 71.8934, 28.0676



48.2371, 71.8934, 52.6298



75.2071, 71.8934, 167.8758



93.3530, 71.8934, 111.1458

Sweetspot

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



61.8919, 71.8967, 28.0691



89.8250, 97.9099, 81.3893



41.2930, 30.6961, 21.2022



19.0734, 20.8956, 16.6160



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.



61.8919, 71.8967, 28.0691



79.7924, 93.8966, 28.5705



47.6521, 64.5558, 27.4027



14.8717, 16.0296, 14.6170



33.4064, 40.2542, 6.0091



2.3156, 2.7902, 0.4165

Inverse Universe

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



27.9345, 22.6083, 74.8474



29.9762, 21.5896, 97.1950



37.4497, 27.5135, 75.2927



12.9522, 13.2434, 17.2613



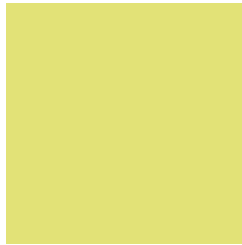
7.8317, 3.1327, 41.2403



0.5429, 0.2172, 2.8585

Previews

White Background



This preview shows how the XYZ color 61.8902, 71.8934, 28.0676 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 61.8902, 71.8934, 28.0676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

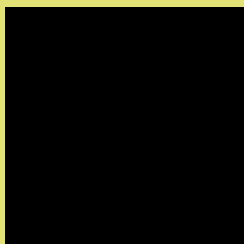
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8902, 71.8934, 28.0676

Background



This preview shows how black text looks on a background with the XYZ color 61.8902, 71.8934, 28.0676.



This preview shows how white text looks on a background with the XYZ color 61.8902, 71.8934,

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

61.8902, 71.8934, 28.0676

Protanopia

66.0295, 72.0519, 27.2569

Deuteranopia

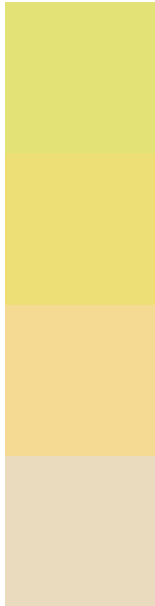
71.4673, 71.4217, 43.7373



Tritanopia

73.3371, 71.4788, 84.7944

Trichromacy



Original Color

61.8902, 71.8934, 28.0676

Protanomaly

64.5827, 72.0879, 27.6500

Deuteranomaly

67.5679, 71.4512, 37.4244

Tritanomaly

68.2974, 71.3529, 58.8880

Monochromacy



Original Color

61.8902, 71.8934, 28.0676

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.1215, 68.3029, 52.5574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8902, 71.8934, 28.0676 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, 226, 119)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 119)  
}
```

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, 226, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 119) }
```

Border

The CSS property to change the border of an element to XYZ 61.8902, 71.8934, 28.0676 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, 226, 119) }
```


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

```
.border{ border-color:rgb(226, 226, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 226, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 226, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 226, 119); box-shadow:4px 4px 4px 4px rgb(226, 226, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8902, 71.8934, 28.0676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 119) }
```

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

```
.background{ background-color: rgb(226,  
226, 119) }
```

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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