

Converting Colors

XYZ(60.1207, 71.3321, 18.3270)

Have a look what the booklet for
XYZ(60.1207, 71.3321, 18.3270)
contains.

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Color

**XYZ(60.0456, 71.1555,
18.3542)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E2E251 |
| RGB | 226, 226, 81 |
| RGB Percent | 89%, 89%, 32% |
| CMY | 0.1137, 0.1137, 0.6823 |
| CMYK | 0.00, 0.00, 0.64, 0.11 |
| HSL | 60°, 71%, 60% |
| HSV | 60°, 64%, 89% |
| XYZ | 60.0456, 71.1555, 18.3542 |
| YIQ | 209.4700, 46.5450, -45.0950 |

Conversions

Conversions Part 2

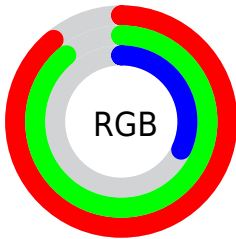
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 81, 226, 81 |
| Decimal | 14869073 |
| CIELab | 87.56, -17.35, 68.07 |
| CIELCh | 88, 70.249, 104.303 |
| Yxy | 71.1555, 0.4015, 0.4758 |
| Android (android.graphics.Color) | 4293059153 (0xFFE2E251) |
| YUV | 209.4700, -63.3357, 14.4968 |
| Hunter-Lab | 84.3537, -20.5572, 46.1469 |

Details

The XYZ color **60.0456, 71.1555, 18.3542** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **20.0653, 13.1267, 73.4320**, and the grayscale version is **61.2932, 64.4852, 70.2244**.

A 20% lighter version of the original color is **81.5154, 94.5861, 37.6275**, and **30.5719, 37.3704, 5.9827** is the 20% darker color. If you saturate the color by 10%, you get **59.3356, 70.8741, 14.6098**, and if you desaturate by 10%, it is **61.0409, 71.5563, 23.5863**.

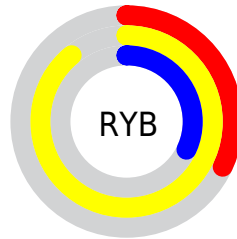
Distribution



Red (89%)

Green (89%)

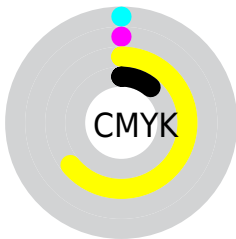
Blue (32%)



Red (32%)

Yellow (89%)

Blue (32%)

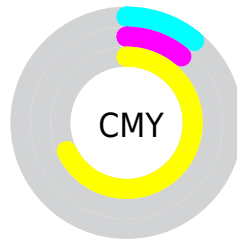


Cyan (0%)

Magenta (0%)

Yellow (64%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0456, 71.1555, 18.3542 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 60.0456, 71.1555, 18.3542 by changing the saturation by 10% instead.

60.0456, 71.1555,
18.3542

60.0456, 71.1555,
18.3542

414.5979,
464.5968, 255.1628

43.7050, 52.4691,
11.0325

104.0018,
120.8551, 41.4620

30.6356, 37.3791,
5.9743

132.3481,
152.6371, 58.0852

20.4720, 25.5012,
2.7609

165.4270,
189.5531, 78.6460

12.8488, 16.4508,
0.9739

203.6038,
231.9875, 103.5630

7.4008, 9.8437,
0.0000

247.2440,
280.3247, 133.2546

3.7626, 5.2955,
0.0000

296.7128,

1.5687, 2.4217,

334.9490, 168.1394

0.0000

352.3756,
396.2450, 208.6359

■ 0.3719, 0.8370,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0456, 71.1555,
18.3542

■ 60.0456, 71.1555,
18.3542

■ 59.3356, 70.8741,
14.6098

■ 61.0409, 71.5563,
23.5863

■ 58.8767, 70.6905,
12.1949

■ 62.3417, 72.0767,
30.4348

■ 58.6349, 70.5938,
10.9232

■ 63.9722, 72.7289,
39.0191

■ 58.5608, 70.5641,
10.5337

■ 65.9527, 73.5211,
49.4467

■ 68.3019, 74.4608,
61.8158

■ 71.0372, 75.5550,
76.2182

■ 74.1749, 76.8101,
92.7395

■ 76.6144, 77.7859,
105.5839

■ 76.6147, 77.7861,
105.5839

Harmonies

Analogous

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



76.6430, 71.1555, 18.5756



60.0456, 71.1555, 18.3542



47.6910, 71.1555, 28.7297

Triad

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



60.0456, 71.1555, 18.3542



47.2571, 71.1555, 160.5055



103.2629, 71.1555, 104.9440

Complementary

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



60.0456, 71.1555, 18.3542



20.0653, 13.1267, 73.4320

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.



92.4740, 71.1555, 163.0761



60.0456, 71.1555, 18.3542



59.3550, 71.1555, 203.0657

Square

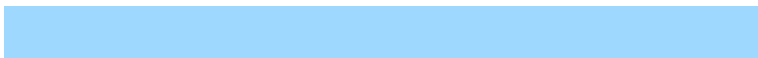
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.0456, 71.1555, 18.3542



41.1692, 71.1555, 102.3347



75.8301, 71.1555, 204.1625



103.5297, 71.1555, 57.0095

Rectangle

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



60.0456, 71.1555, 18.3542



42.7462, 71.1555, 44.2041



75.8301, 71.1555, 204.1625



100.6765, 71.1555, 124.2776

Sweetspot

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



60.0473, 71.1588, 18.3557



88.2067, 97.2626, 72.8680



35.7940, 22.6494, 10.2707



18.6939, 20.7438, 14.6173



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.



60.0473, 71.1588, 18.3557



77.7772, 93.0905, 17.9592



41.9158, 61.8117, 17.5071



14.8718, 16.0296, 14.6170



33.4070, 40.2544, 6.0091



2.3156, 2.7902, 0.4165

Inverse Universe

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



20.0653, 13.1267, 73.4320



21.3795, 11.2315, 95.6488



29.9035, 18.1984, 73.8924



12.9522, 13.2434, 17.2613



7.8316, 3.1327, 41.2403



0.5429, 0.2171, 2.8585

Previews

White Background



This preview shows how the XYZ color 60.0456, 71.1555, 18.3542 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 60.0456, 71.1555, 18.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

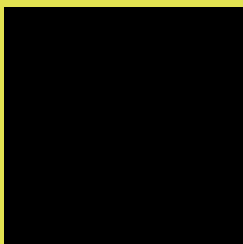
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

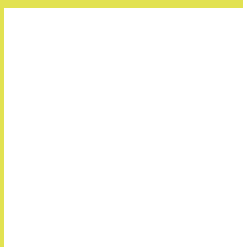
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0456, 71.1555, 18.3542

Background



This preview shows how black text looks on a background with the XYZ color 60.0456, 71.1555, 18.3542.

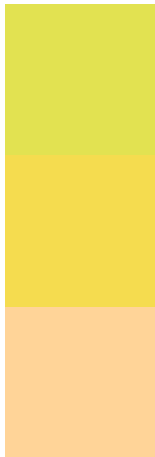


This preview shows how white text looks on a background with the XYZ color 60.0456, 71.1555,

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

60.0456, 71.1555, 18.3542

Protanopia

64.6607, 71.1634, 17.7251

Deuteranopia

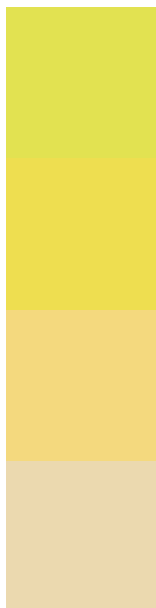
70.4510, 70.6140, 39.6225



Tritanopia

73.4823, 71.2137, 83.2715

Trichromacy



Original Color

60.0456, 71.1555, 18.3542

Protanomaly

62.8291, 70.9989, 17.9821

Deuteranomaly

65.8870, 70.3652, 29.8479

Tritanomaly

66.8117, 70.3830, 50.6214

Monochromacy



Original Color

60.0456, 71.1555, 18.3542

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.8464, 65.6566, 43.7539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0456, 71.1555, 18.3542 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, 81)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 81)  
}
```

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, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 81) }
```

Border

The CSS property to change the border of an element to XYZ 60.0456, 71.1555, 18.3542 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, 81) }
```


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

```
.border{ border-color:rgb(226, 226, 81) }
```

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, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 226, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 226, 81);  
box-shadow:4px 4px 4px 4px rgb(226, 226,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0456, 71.1555, 18.3542 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, 81) }
```

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

```
.background{ background-color: rgb(226,  
226, 81) }
```

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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