

Converting Colors

XYZ(56.4024, 71.1590, 26.0916)

Have a look what the booklet for
XYZ(56.4024, 71.1590, 26.0916)
contains.

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Color

**XYZ(56.4024, 71.1590,
26.0916)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE770
RGB	204, 231, 112
RGB Percent	80%, 91%, 44%
CMY	0.2000, 0.0941, 0.5608
CMYK	0.12, 0.00, 0.52, 0.09
HSL	74°, 71%, 67%
HSV	74°, 52%, 91%
XYZ	56.4024, 71.1590, 26.0916
YIQ	209.3610, 22.1070, -42.7330

Conversions

Conversions Part 2

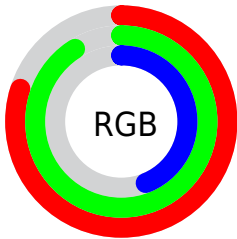
Format	Color
RYB	112, 231, 139
Decimal	13428592
CIELab	87.56, -26.22, 54.33
CIELCh	88, 60.327, 115.763
Yxy	71.1590, 0.3671, 0.4631
Android (android.graphics.Color)	4291618672 (0xFFCCE770)
YUV	209.3610, -47.9990, -4.7016
Hunter-Lab	84.3558, -28.2731, 40.7104

Details

The XYZ color **56.4024, 71.1590, 26.0916** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **30.8681, 22.8487, 78.3887**, and the grayscale version is **61.1355, 64.3194, 70.0438**.

A 20% lighter version of the original color is **83.8829, 95.5332, 50.0950**, and **28.3321, 37.2716, 9.8386** is the 20% darker color. If you saturate the color by 10%, you get **53.8655, 69.9835, 20.0990**, and if you desaturate by 10%, it is **59.3211, 72.4978, 33.8270**.

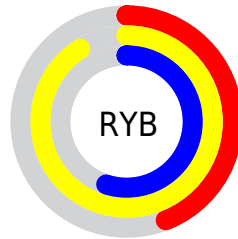
Distribution



Red (80%)

Green (91%)

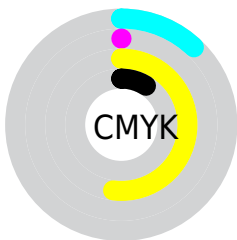
Blue (44%)



Red (44%)

Yellow (91%)

Blue (55%)

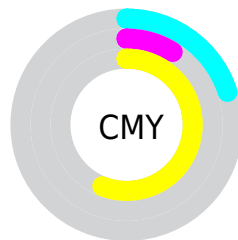


Cyan (12%)

Magenta (0%)

Yellow (52%)

Black (9%)



Cyan (20%)

Magenta (9%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4024, 71.1590, 26.0916 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 56.4024, 71.1590, 26.0916 by changing the saturation by 10% instead.

■ 56.4024, 71.1590,
26.0916

■ 56.4024, 71.1590,
26.0916

401.2567,
464.6091, 296.8512

■ 40.7639, 52.4720,
16.6658

■ 98.7291, 120.8601,
54.4086

■ 28.3215, 37.3814,
9.8371

■ 126.1480,
152.6429, 74.1368

■ 18.7098, 25.5029,
5.1869

■ 158.2244,
189.5598, 98.1363

■ 11.5636, 16.4522,
2.2967

195.3237,
231.9952, 126.8256

■ 6.5173, 9.8447,
0.7294

237.8112,
280.3334, 160.6232

■ 3.2057, 5.2961,
0.0000

286.0523,

■ 1.2635, 2.4220,

334.9589, 199.9476

0.0000

340.4124,
396.2559, 245.2175

■ 0.1556, 0.8372,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4024, 71.1590,
26.0916

■ 56.4024, 71.1590,
26.0916

■ 53.8655, 69.9835,
20.0990

■ 59.3211, 72.4978,
33.8270

■ 51.6790, 68.9512,
15.7089

■ 62.6398, 73.9997,
43.4220


■ 49.8144, 68.0532,
12.7670


■ 66.3819, 75.6767,
54.9887


■ 48.2360, 67.2751,
11.0864


■ 70.5670, 77.5366,
68.6289


 47.0715, 66.6890,
10.3913

 75.2136, 79.5869,
84.4375

 80.3390, 81.8346,
102.5034

 82.7994, 83.0222,
106.2686

 84.6118, 83.9566,
106.3535

 86.4762, 84.9177,
106.4407

Harmonies

Analogous

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



69.6808, 71.1590, 22.5869



56.4024, 71.1590, 26.0916



47.4035, 71.1590, 41.1629

Triad

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



56.4024, 71.1590, 26.0916



53.3501, 71.1590, 162.2260



98.8318, 71.1590, 83.4285

Complementary

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



56.4024, 71.1590, 26.0916



30.8681, 22.8487, 78.3887

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.



92.9310, 71.1590, 130.5946



56.4024, 71.1590, 26.0916



65.6286, 71.1590, 185.1489

Square

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



56.4024, 71.1590, 26.0916



45.8228, 71.1590, 116.8715



80.2668, 71.1590, 171.9090



95.4576, 71.1590, 48.1136

Rectangle

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



56.4024, 71.1590, 26.0916



44.3852, 71.1590, 59.7265



80.2668, 71.1590, 171.9090



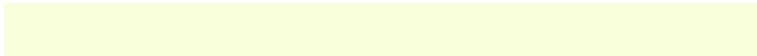
97.8470, 71.1590, 98.4433

Sweetspot

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



56.4041, 71.1622, 26.0931



86.3702, 96.1675, 79.4853



44.9396, 36.2757, 19.9636



18.2483, 20.4778, 16.2345



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.



56.4041, 71.1622, 26.0931



67.1631, 87.4602, 24.6265



43.3067, 64.4103, 25.4802



15.2650, 16.6437, 15.3125



26.5001, 37.4428, 5.8305



2.0368, 2.8074, 0.4345

Inverse Universe

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



30.8681, 22.8487, 78.3887



31.9533, 20.7194, 96.9229



43.3206, 29.2682, 78.9714



13.8873, 14.0441, 18.1232



8.9811, 3.6958, 42.6232



0.7433, 0.3141, 3.1534

Previews

White Background



This preview shows how the XYZ color 56.4024, 71.1590, 26.0916 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 56.4024, 71.1590, 26.0916 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 56.4024, 71.1590, 26.0916

Background



This preview shows how black text looks on a background with the XYZ color 56.4024, 71.1590, 26.0916.



This preview shows how white text looks on a background with the XYZ color 56.4024, 71.1590,

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

56.4024, 71.1590, 26.0916

Protanopia

64.6562, 70.6230, 24.4112

Deuteranopia

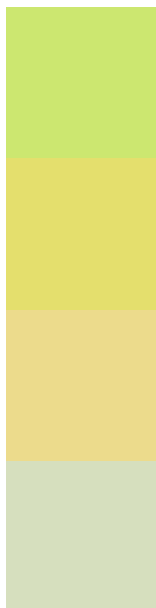
70.7842, 70.7473, 41.3773



Tritanopia

69.2802, 71.2010, 88.6890

Trichromacy



Original Color

56.4024, 71.1590, 26.0916

Protanomaly

61.1429, 70.3735, 24.8289

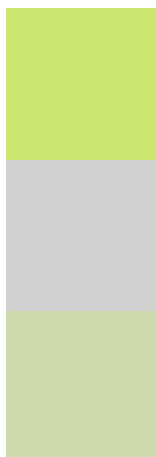
Deuteranomaly

64.6572, 70.3894, 34.9896

Tritanomaly

63.4135, 70.7892, 59.0366

Monochromacy



Original Color

56.4024, 71.1590, 26.0916

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.1850, 65.9471, 49.7068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4024, 71.1590, 26.0916 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(204, 231, 112)` looks like.

```
.text, #text, p{  
    color:rgb(204, 231, 112)  
}
```

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(204, 231, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 231, 112) }
```

Border

The CSS property to change the border of an element to XYZ 56.4024, 71.1590, 26.0916 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(204, 231, 112) }
```


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

```
.border{ border-color:rgb(204, 231, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 231, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 231, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 231, 112);  
box-shadow:4px 4px 4px 4px rgb(204, 231,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4024, 71.1590, 26.0916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 231, 112) }
```

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

```
.background{ background-color: rgb(204,  
231, 112) }
```

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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