

Converting Colors

XYZ(58.6105, 73.8071, 26.6643)

Have a look what the booklet for
XYZ(58.6105, 73.8071, 26.6643)
contains.

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Color

**XYZ(58.7014, 74.0188,
26.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	D0EB71
RGB	208, 235, 113
RGB Percent	82%, 92%, 44%
CMY	0.1843, 0.0784, 0.5568
CMYK	0.11, 0.00, 0.52, 0.08
HSL	73°, 75%, 68%
HSV	73°, 52%, 92%
XYZ	58.7014, 74.0188, 26.8160
YIQ	213.0190, 23.0700, -43.6660

Conversions

Conversions Part 2

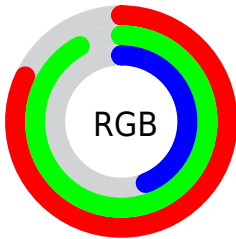
Format	Color
R_{YB}	113, 235, 140
Decimal	13691761
CIE _{Lab}	88.93, -26.49, 55.55
CIE _{LCh}	89, 61.544, 115.494
Yxy	74.0188, 0.3680, 0.4640
Android (android.graphics.Color)	4291881841 (0xFFD0EB71)
YUV	213.0190, -49.3094, -4.4017
Hunter-Lab	86.0342, -28.7687, 41.7438

Details

The XYZ color **58.7014, 74.0188, 26.8160** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **31.7186, 23.3858, 81.4437**, and the grayscale version is **63.5689, 66.8795, 72.8318**.

A 20% lighter version of the original color is **84.0679, 95.6072, 51.0690**, and **29.6982, 39.1458, 10.2656** is the 20% darker color. If you saturate the color by 10%, you get **56.1079, 72.8178, 20.6604**, and if you desaturate by 10%, it is **61.6890, 75.3882, 34.7809**.

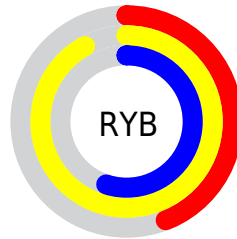
Distribution



Red (82%)

Green (92%)

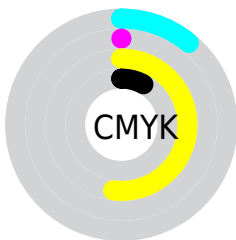
Blue (44%)



Red (44%)

Yellow (92%)

Blue (55%)

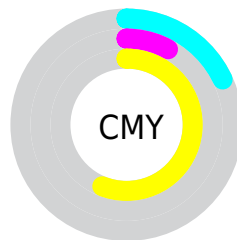


Cyan (11%)

Magenta (0%)

Yellow (52%)

Black (8%)



Cyan (18%)

Magenta (8%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7014, 74.0188, 26.8160 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 58.7014, 74.0188, 26.8160 by changing the saturation by 10% instead.

■ 58.7014, 74.0188,
26.8160

■ 58.7014, 74.0188,
26.8160

409.7063,
474.5383, 300.4971

■ 42.6182, 54.8094,
17.2039

■ 102.0607,
124.9225, 55.5886

■ 29.7789, 39.2492,
10.2165

■ 130.0675,
157.3855, 75.5862

■ 19.8181, 26.9536,
5.4352

■ 162.7796,
195.0353, 99.8826

■ 12.3704, 17.5384,
2.4417

200.5623,
238.2561, 128.8965

■ 7.0704, 10.6191,
0.8090

243.7809,
287.4325, 163.0463

■ 3.5529, 5.8113,
0.0000

292.8009,

■ 1.4524, 2.7307,

342.9487, 202.7507

0.0000

347.9876,
405.1891, 248.4281

■ 0.2931, 0.9928,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7014, 74.0188,
26.8160

■ 58.7014, 74.0188,
26.8160

■ 56.1079, 72.8178,
20.6604

■ 61.6890, 75.3882,
34.7809

■ 53.8757, 71.7642,
16.1670


■ 65.0899, 76.9259,
44.6775


■ 51.9750, 70.8487,
13.1737


■ 68.9283, 78.6443,
56.6230


■ 50.3680, 70.0560,
11.4836

■ 73.2250, 80.5516,
70.7239


 49.2350, 69.4855,
10.8171

 77.9990, 82.6557,
87.0795

 83.2686, 84.9637,
105.7827

 85.2119, 85.9471,
106.7060

 87.0467, 86.8930,
106.7919

 88.9329, 87.8654,
106.8802

Harmonies

Analogous

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



72.6332, 74.0188, 23.2623



58.7014, 74.0188, 26.8160



49.2408, 74.0188, 42.4024

Triad

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



58.7014, 74.0188, 26.8160



55.3053, 74.0188, 169.1485



103.0423, 74.0188, 87.2302

Complementary

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



58.7014, 74.0188, 26.8160



31.7186, 23.3858, 81.4437

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.



96.7720, 74.0188, 136.7437



58.7014, 74.0188, 26.8160



68.1203, 74.0188, 193.5391

Square

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



58.7014, 74.0188, 26.8160



47.4834, 74.0188, 121.4314



83.4518, 74.0188, 179.9642



99.5897, 74.0188, 50.1231

Rectangle

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



58.7014, 74.0188, 26.8160



46.0510, 74.0188, 61.6973



83.4518, 74.0188, 179.9642



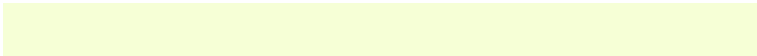
101.9797, 74.0188, 103.0015

Sweetspot

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



58.7032, 74.0221, 26.8176



85.9182, 95.9724, 77.7485



46.5397, 37.4476, 20.3991



18.1617, 20.4407, 15.8927



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.



58.7032, 74.0221, 26.8176



67.4293, 87.5974, 24.6389



44.8261, 66.8682, 26.1681



16.0068, 17.4491, 16.0431



27.5141, 38.7285, 6.0252



2.2408, 3.0825, 0.4769

Inverse Universe

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



31.7186, 23.3858, 81.4437



31.8150, 20.6481, 96.9164



44.8384, 30.1494, 82.0577



14.5430, 14.7097, 18.9950



9.2237, 3.7909, 43.9885



0.8049, 0.3392, 3.4579

Previews

White Background



This preview shows how the XYZ color 58.7014, 74.0188, 26.8160 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 58.7014, 74.0188, 26.8160 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 58.7014, 74.0188, 26.8160

Background



This preview shows how black text looks on a background with the XYZ color 58.7014, 74.0188, 26.8160.



This preview shows how white text looks on a background with the XYZ color 58.7014, 74.0188,

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

58.7014, 74.0188, 26.8160

Protanopia

67.5058, 73.6536, 25.1266

Deuteranopia

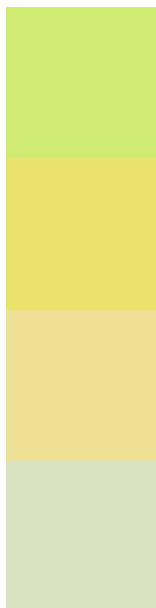
73.2143, 73.7503, 47.9125



Tritanopia

71.8679, 73.6329, 92.0861

Trichromacy



Original Color

58.7014, 74.0188, 26.8160

Protanomaly

63.8878, 73.3876, 25.5498

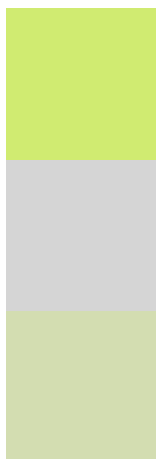
Deuteranomaly

67.3404, 73.6584, 39.1020

Tritanomaly

65.7354, 73.1484, 61.1065

Monochromacy



Original Color

58.7014, 74.0188, 26.8160

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

60.6562, 68.7361, 51.6654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7014, 74.0188, 26.8160 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(208, 235, 113)` looks like.

```
.text, #text, p{  
    color:rgb(208, 235, 113)  
}
```

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(208, 235, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 235, 113) }
```

Border

The CSS property to change the border of an element to XYZ 58.7014, 74.0188, 26.8160 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(208, 235, 113) }
```


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

```
.border{ border-color:rgb(208, 235, 113) }
```

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

Here you see how a box with a 4 pixel rgb(208, 235, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 235, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 235, 113);  
box-shadow:4px 4px 4px 4px rgb(208, 235,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7014, 74.0188, 26.8160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 235, 113) }
```

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

```
.background{ background-color: rgb(208,  
235, 113) }
```

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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