

Converting Colors

XYZ(58.8259, 74.5934, 23.1019)

Have a look what the booklet for
XYZ(58.8259, 74.5934, 23.1019)
contains.

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Color

**XYZ(58.8259, 74.5934,
23.1019)**

Conversions

Conversions Part 1

Format	Color
Hex	D2EC63
RGB	210, 236, 99
RGB Percent	82%, 93%, 39%
CMY	0.1765, 0.0745, 0.6117
CMYK	0.11, 0.00, 0.58, 0.07
HSL	71°, 78%, 66%
HSV	71°, 58%, 93%
XYZ	58.8259, 74.5934, 23.1019
YIQ	212.6080, 28.4810, -48.1190

Conversions

Conversions Part 2

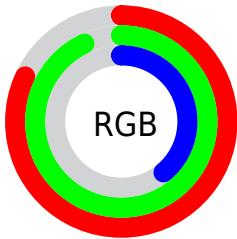
Format	Color
RYB	99, 236, 125
Decimal	13823075
CIELab	89.20, -27.36, 62.10
CIELCh	89, 67.855, 113.775
Yxy	74.5934, 0.3758, 0.4766
Android (android.graphics.Color)	4292013155 (0xFFD2EC63)
YUV	212.6080, -56.0087, -2.2872
Hunter-Lab	86.3675, -29.5646, 44.5981

Details

The XYZ color **58.8259, 74.5934, 23.1019** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **28.0624, 19.3417, 81.6156**, and the grayscale version is **63.3345, 66.6329, 72.5632**.

A 20% lighter version of the original color is **82.8327, 95.1131, 44.5648**, and **29.8760, 39.5820, 8.2559** is the 20% darker color. If you saturate the color by 10%, you get **56.6014, 73.5610, 17.9447**, and if you desaturate by 10%, it is **61.4193, 75.7828, 29.9998**.

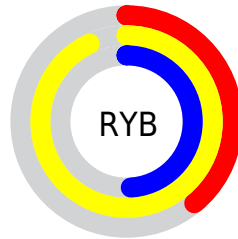
Distribution



Red (82%)

Green (93%)

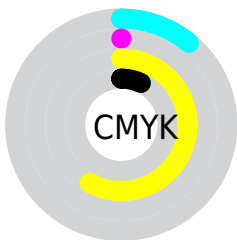
Blue (39%)



Red (39%)

Yellow (93%)

Blue (49%)

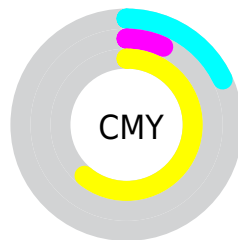


Cyan (11%)

Magenta (0%)

Yellow (58%)

Black (7%)



Cyan (18%)


Magenta (7%)


Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8259, 74.5934, 23.1019 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 58.8259, 74.5934, 23.1019 by changing the saturation by 10% instead.


 58.8259, 74.5934,
23.1019


 58.8259, 74.5934,
23.1019


410.1609,
476.5189, 281.3868

 42.7188, 55.2799,
14.4628


 102.2407,
125.7366, 49.4859


 29.8581, 39.6258,
8.3008


 130.2790,
158.3351, 68.0679

 19.8785, 27.2469,
4.1975


 163.0252,
196.1307, 90.8012

 12.4145, 17.7588,
1.7343

 200.8446,
239.5078, 118.1043

 7.1008, 10.7769,
0.3841

244.1025,
288.8507, 150.3960

 3.5721, 5.9170,
0.0000

293.1643,

 1.4630, 2.7947,

344.5440, 188.0946

0.0000

348.3953,
406.9719, 231.6187

0.3005, 1.0255,
0.0000

0.0000, 0.0000,
0.0000

58.8259, 74.5934,
23.1019

58.8259, 74.5934,
23.1019

56.6014, 73.5610,
17.9447

61.4193, 75.7828,
29.9998

54.7106, 72.6634,
14.3675


64.4027, 77.1298,
38.7711


53.1200, 71.8900,
12.1878


67.8015, 78.6471,
49.5409


51.7807, 71.2212,
11.1501


71.6375, 80.3435,
62.4222


 51.5349, 71.0974,
11.0070

 75.9309, 82.2271,
77.5198

 80.7005, 84.3055,
94.9313

 84.4456, 85.9784,
106.7525

 85.9968, 86.7781,
106.8251

 87.5860, 87.5973,
106.8994

Harmonies

Analogous

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



74.4060, 74.5934, 20.1263



58.8259, 74.5934, 23.1019



48.1979, 74.5934, 38.3840

Triad

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



58.8259, 74.5934, 23.1019



53.7044, 74.5934, 179.1761



107.4788, 74.5934, 91.5091

Complementary

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



58.8259, 74.5934, 23.1019



28.0624, 19.3417, 81.6156

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.



99.7985, 74.5934, 147.8720



58.8259, 74.5934, 23.1019



67.5035, 74.5934, 209.7104

Square

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



58.8259, 74.5934, 23.1019



45.5788, 74.5934, 123.7887



84.5198, 74.5934, 196.4520



104.1959, 74.5934, 49.7350

Rectangle

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



58.8259, 74.5934, 23.1019



44.5193, 74.5934, 58.3207



84.5198, 74.5934, 196.4520



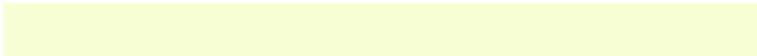
106.0600, 74.5934, 109.4424

Sweetspot

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



58.8277, 74.5968, 23.1035



85.8766, 95.9884, 76.0575



44.0692, 33.1805, 15.8872



18.1721, 20.4534, 15.5605



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.



58.8277, 74.5968, 23.1035



66.9362, 87.4392, 20.2785



43.4715, 66.6804, 22.3848



16.0554, 17.4741, 16.0453



28.5098, 39.2418, 6.0718



2.3108, 3.1186, 0.4802

Inverse Universe

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



28.0624, 19.3417, 81.6156



27.1473, 15.7977, 96.2262



41.4995, 26.2688, 82.2445



14.4980, 14.6865, 18.9929



9.0175, 3.6846, 43.9789



0.7826, 0.3277, 3.4569

Previews

White Background



This preview shows how the XYZ color 58.8259, 74.5934, 23.1019 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 58.8259, 74.5934, 23.1019 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 58.8259, 74.5934, 23.1019

Background



This preview shows how black text looks on a background with the XYZ color 58.8259, 74.5934, 23.1019.

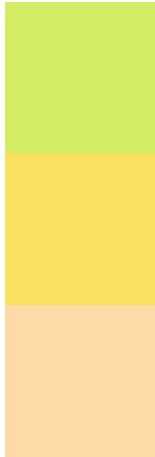


This preview shows how white text looks on a background with the XYZ color 58.8259, 74.5934,

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

58.8259, 74.5934, 23.1019

Protanopia

67.7881, 74.2773, 21.5906

Deuteranopia

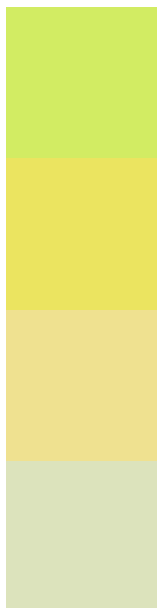
73.4728, 74.2674, 47.9987



Tritanopia

73.0653, 74.6433, 92.2180

Trichromacy



Original Color

58.8259, 74.5934, 23.1019

Protanomaly

64.1157, 73.9935, 21.9692

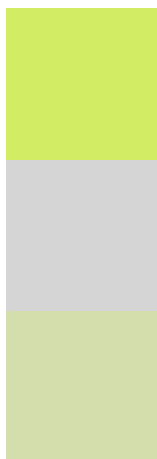
Deuteranomaly

67.5559, 74.2148, 37.1499

Tritanomaly

66.0614, 73.7847, 58.3370

Monochromacy



Original Color

58.8259, 74.5934, 23.1019

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

60.4542, 68.6885, 49.1017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8259, 74.5934, 23.1019 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(210, 236, 99)` looks like.

```
.text, #text, p{  
    color:rgb(210, 236, 99)  
}
```

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(210, 236, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 236, 99) }
```

Border

The CSS property to change the border of an element to XYZ 58.8259, 74.5934, 23.1019 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(210, 236, 99) }
```


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

```
.border{ border-color:rgb(210, 236, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 236, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 236, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 236, 99);  
box-shadow:4px 4px 4px 4px rgb(210, 236,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8259, 74.5934, 23.1019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 236, 99) }
```

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

```
.background{ background-color: rgb(210,  
236, 99) }
```

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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