

Converting Colors

$Yxy(72.3706, 0.3962, 0.5193)$

Have a look what the booklet for
Yxy(72.3706, 0.3962, 0.5193)
contains.

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Color

Yxy(72.5926, 0.3958, 0.5196)

Conversions

Conversions Part 1

Format	Color
Hex	CEEB15
RGB	206, 235, 21
RGB Percent	81%, 92%, 8%
CMY	0.1922, 0.0784, 0.9166
CMYK	0.12, 0.00, 0.91, 0.08
HSL	68°, 84%, 50%
HSV	68°, 91%, 92%
XYZ	55.2967, 72.5926, 11.8193
YIQ	201.9330, 51.4100, -72.7020

Conversions

Conversions Part 2

Format	Color
R _Y B	21, 235, 50
Decimal	13560597
CIE Lab	88.25, -31.96, 84.34
CIE LCh	88, 90.194, 110.755
Yxy	72.5926, 0.3958, 0.5196
Android (android.graphics.Color)	4291750677 (0xFFCEE15)
YUV	201.9330, -89.2000, 3.5668
Hunter-Lab	85.2013, -33.2536, 51.4160

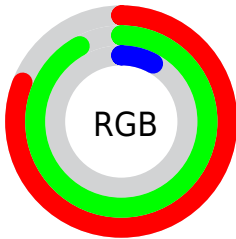
Details

The Yxy color **72.5926, 0.3958, 0.5196** is a light color, and the websafe version is hex **CCFF33**.

The color can be described as light washed yellow. A complement of this color would be **7.2308, 0.1612, 0.0702**, and the grayscale version is **59.5821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6431, 0.3998, 0.4729**, and **38.4432, 0.3881, 0.5300** is the 20% darker color. If you saturate the color by 10%, you get **72.1311, 0.3952, 0.5244**, and if you desaturate by 10%, it is **73.1898, 0.3944, 0.5107**.

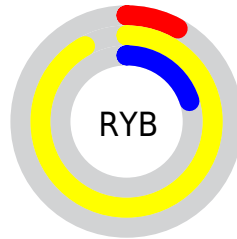
Distribution



Red (81%)

Green (92%)

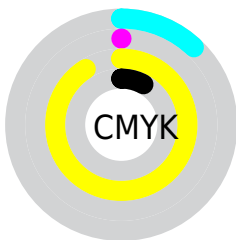
Blue (8%)



Red (8%)

Yellow (92%)

Blue (20%)

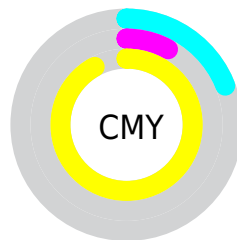


Cyan (12%)

Magenta (0%)

Yellow (91%)

Black (8%)



Cyan (19%)


Magenta (8%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.5926, 0.3958, 0.5196 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 Yxy color 72.5926, 0.3958, 0.5196 by changing the saturation by 10% instead.


 72.5926, 0.3958,
0.5196


 72.5926, 0.3958,
0.5196


469.6016, 0.3674,
0.4345

 53.6429, 0.3987,
0.5363


 122.8987, 0.3887,
0.4919


 38.3162, 0.4002,
0.5552


 155.0239, 0.3851,
0.4805


 26.2282, 0.3992,
0.5759


 192.3096, 0.3817,
0.4705

 16.9945, 0.3968,
0.6032

 235.1404, 0.3784,
0.4616

 10.2305, 0.3795,
0.6205

 283.9006, 0.3754,
0.4536

 5.5521, 0.3541,
0.6459


 338.9746, 0.3725,


 2.5747, 0.3137,


0.4465


0.6863


400.7468, 0.3699,
0.4402


 0.9140, 0.0880,
0.9120


 0.0000, 0.0000,
0.0000


 72.5926, 0.3958,
0.5196


 72.5926, 0.3958,
0.5196

 72.1311, 0.3952,
0.5244

 73.1898, 0.3944,
0.5107

 73.8935, 0.3904,
0.4972

 74.7216, 0.3837,
0.4793

 75.6865, 0.3748,
0.4579

■ 76.7988, 0.3641,
0.4338

■ 78.0683, 0.3522,
0.4082

■ 79.5036, 0.3395,
0.3820

■ 81.1129, 0.3266,
0.3562

■ 82.9036, 0.3139,
0.3313

Harmonies

Analogous

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



72.5926, 0.4784, 0.4576



72.5926, 0.3958, 0.5196



72.5926, 0.2984, 0.5212

Triad

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



72.5926, 0.3958, 0.5196



72.5926, 0.1391, 0.2199



72.5926, 0.4078, 0.2495

Complementary

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



72.5926, 0.3958, 0.5196



7.2308, 0.1612, 0.0702

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.



72.5926, 0.2958, 0.2018



72.5926, 0.3958, 0.5196



72.5926, 0.1566, 0.1818

Square

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



72.5926, 0.3958, 0.5196



72.5926, 0.1549, 0.3041



72.5926, 0.2078, 0.1779



72.5926, 0.4980, 0.3127

Rectangle

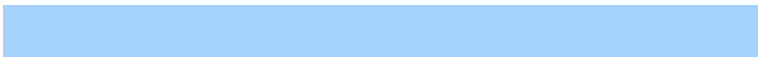
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5926, 0.3958, 0.5196



72.5926, 0.2366, 0.4675



72.5926, 0.2078, 0.1779



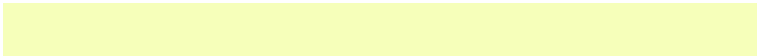
72.5926, 0.3700, 0.2313

Sweetspot

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



72.5959, 0.3958, 0.5196



94.6014, 0.3474, 0.3982



19.9805, 0.6103, 0.3432



20.1261, 0.3517, 0.4072



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5959, 0.3958, 0.5196



86.7944, 0.3951, 0.5245



62.1651, 0.3244, 0.5751



17.5173, 0.3247, 0.3524



40.1827, 0.3956, 0.5241



3.1840, 0.3991, 0.5213

Inverse Universe

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



7.2308, 0.1612, 0.0702



7.5708, 0.1543, 0.0624



13.6770, 0.2376, 0.1117



14.6470, 0.3001, 0.3048



3.5397, 0.1553, 0.0629



0.3091, 0.1655, 0.0685

Previews

White Background



This preview shows how the Yxy color 72.5926, 0.3958, 0.5196 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 Yxy color 72.5926, 0.3958, 0.5196 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](#).

Yxy 72.5926, 0.3958, 0.5196

Background



This preview shows how black text looks on a background with the Yxy color 72.5926, 0.3958, 0.5196.



This preview shows how white text looks on a background with the Yxy color 72.5926, 0.3958, 0.5196.

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

72.5926, 0.3958, 0.5196

Protanopia

71.8843, 0.4399, 0.4865

Deuteranopia

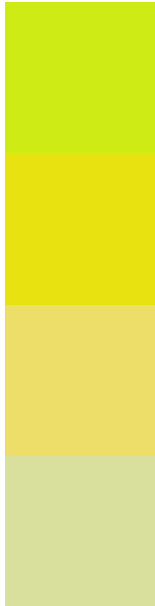
72.2274, 0.3865, 0.3907



Tritanopia

72.0462, 0.3051, 0.3098

Trichromacy



Original Color

72.5926, 0.3958, 0.5196

Protanomaly

71.7568, 0.4234, 0.4989

Deuteranomaly

71.2877, 0.4004, 0.4484

Tritanomaly

70.5316, 0.3517, 0.4037

Monochromacy



Original Color

72.5926, 0.3958, 0.5196

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

62.5672, 0.3583, 0.4220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5926, 0.3958, 0.5196 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(206, 235, 21)` looks like.

```
.text, #text, p{  
    color:rgb(206, 235, 21)  
}
```

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(206, 235, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 235, 21) }
```

Border

The CSS property to change the border of an element to Yxy 72.5926, 0.3958, 0.5196 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(206, 235, 21) }
```

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

```
.border{ border-color:rgb(206, 235, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 235, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 235, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 235, 21);  
box-shadow:4px 4px 4px 4px rgb(206, 235,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5926, 0.3958, 0.5196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 235, 21) }
```

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

```
.background{ background-color: rgb(206,  
235, 21) }
```

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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