

Converting Colors

Yxy(56.4323, 0.3979, 0.4718)

Have a look what the booklet for
Yxy(56.4323, 0.3979, 0.4718)
contains.

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Color

Yxy(56.4323, 0.3979, 0.4718)

Conversions

Conversions Part 1

Format	Color
Hex	CBCC4E
RGB	203, 204, 78
RGB Percent	80%, 80%, 31%
CMY	0.2040, 0.2000, 0.6942
CMYK	0.01, 0.00, 0.62, 0.20
HSL	60°, 55%, 55%
HSV	60°, 62%, 80%
XYZ	47.5931, 56.4323, 15.5853
YIQ	189.3370, 39.8500, -39.3980

Conversions

Conversions Part 2

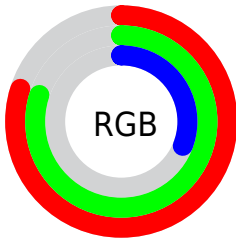
Format	Color
RYB	78, 204, 79
Decimal	13356110
CIELab	79.86, -16.14, 60.65
CIELCh	80, 62.766, 104.903
Yxy	56.4323, 0.3979, 0.4718
Android (android.graphics.Color)	4291546190 (0xFFCBCC4E)
YUV	189.3370, -54.8891, 11.9825
Hunter-Lab	75.1214, -18.3741, 40.2842

Details

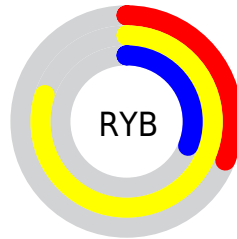
The Yxy color **56.4323, 0.3979, 0.4718** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **11.4664, 0.1941, 0.1321**, and the grayscale version is **51.3941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4459, 0.3840, 0.4468**, and **27.9611, 0.4118, 0.5038** is the 20% darker color. If you saturate the color by 10%, you get **56.1632, 0.4066, 0.4867**, and if you desaturate by 10%, it is **56.7974, 0.3869, 0.4531**.

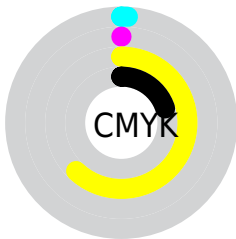
Distribution



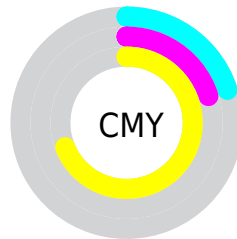
- Red (80%)
- Green (80%)
- Blue (31%)



- Red (31%)
- Yellow (80%)
- Blue (31%)



- Cyan (1%)
- Magenta (0%)
- Yellow (62%)
- Black (20%)




- Cyan (20%)
- Magenta (20%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4323, 0.3979, 0.4718 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 56.4323, 0.3979, 0.4718 by changing the saturation by 10% instead.

 56.4323, 0.3979,
0.4718

 56.4323, 0.3979,
0.4718


411.3186, 0.3614,
0.4041

 40.5496, 0.4045,
0.4865


 99.6364, 0.3864,
0.4486


 27.9673, 0.4115,
0.5039


 127.7265, 0.3815,
0.4395

 18.3010, 0.4180,
0.5243


 160.6547, 0.3772,
0.4316

 11.1663, 0.4235,
0.5487

 198.8052, 0.3733,
0.4247

 6.1788, 0.4240,
0.5760

 242.5624, 0.3699,
0.4186

 2.9541, 0.4057,
0.5943

292.3108, 0.3667,

 1.1078, 0.3674,

0.4132

0.6326

348.4348, 0.3639,
0.4084

0.0000, 0.0000,
0.0000

56.4323, 0.3979,
0.4718

56.4323, 0.3979,
0.4718

56.1632, 0.4066,
0.4867

56.7974, 0.3869,
0.4531

55.9735, 0.4128,
0.4973

57.2583, 0.3740,
0.4315

55.8554, 0.4164,
0.5036

57.8243, 0.3598,
0.4077

55.7966, 0.4179,
0.5064

58.5017, 0.3450,
0.3829

59.2961, 0.3300,
0.3578

■ 60.2130, 0.3153,
0.3333

■ 61.2572, 0.3012,
0.3098

■ 62.4336, 0.2879,
0.2877

■ 63.3156, 0.2795,
0.2736

Harmonies

Analogous

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



56.4323, 0.4555, 0.4265



56.4323, 0.3979, 0.4718



56.4323, 0.3218, 0.4758

Triad

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



56.4323, 0.3979, 0.4718



56.4323, 0.1734, 0.2567



56.4323, 0.3695, 0.2579

Complementary

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



56.4323, 0.3979, 0.4718



11.4664, 0.1941, 0.1321

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.



56.4323, 0.2857, 0.2215



56.4323, 0.3979, 0.4718



56.4323, 0.1822, 0.2164

Square

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



56.4323, 0.3979, 0.4718



56.4323, 0.1948, 0.3300



56.4323, 0.2200, 0.2063



56.4323, 0.4433, 0.3093

Rectangle

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



56.4323, 0.3979, 0.4718



56.4323, 0.2707, 0.4439



56.4323, 0.2200, 0.2063



56.4323, 0.3410, 0.2437

Sweetspot

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



56.4349, 0.3979, 0.4718



97.1885, 0.3412, 0.3765



18.8328, 0.5075, 0.3296



20.7255, 0.3455, 0.3838



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.



56.4349, 0.3979, 0.4718



92.8875, 0.4089, 0.4905



49.4020, 0.3454, 0.5026



13.0919, 0.3264, 0.3519



35.1172, 0.4179, 0.5064



1.8132, 0.4182, 0.5061

Inverse Universe

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



11.4664, 0.1941, 0.1321



12.3745, 0.1715, 0.0948



15.4663, 0.2488, 0.1564



10.8483, 0.2983, 0.3050



2.7527, 0.1503, 0.0602



0.1436, 0.1513, 0.0607

Previews

White Background



This preview shows how the Yxy color 56.4323, 0.3979, 0.4718 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 56.4323, 0.3979, 0.4718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

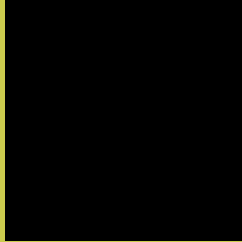
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4323, 0.3979, 0.4718

Background



This preview shows how black text looks on a background with the Yxy color 56.4323, 0.3979, 0.4718.



This preview shows how white text looks on a background with the Yxy color 56.4323, 0.3979, 0.4718.

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

56.4323, 0.3979, 0.4718

Protanopia

56.2821, 0.4186, 0.4591

Deuteranopia

56.1838, 0.4436, 0.4331



Tritanopia

56.1649, 0.3208, 0.3118

Trichromacy



Original Color

56.4323, 0.3979, 0.4718

Protanomaly

56.1405, 0.4106, 0.4636

Deuteranomaly

56.0006, 0.4266, 0.4473

Tritanomaly

55.8319, 0.3536, 0.3735

Monochromacy



Original Color

56.4323, 0.3979, 0.4718

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.2228, 0.3473, 0.3862

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4323, 0.3979, 0.4718 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(203, 204, 78)` looks like.

```
.text, #text, p{  
    color:rgb(203, 204, 78)  
}
```

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(203, 204, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 204, 78) }
```

Border

The CSS property to change the border of an element to Yxy 56.4323, 0.3979, 0.4718 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(203, 204, 78) }
```

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

```
.border{ border-color:rgb(203, 204, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 204, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 204, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 204, 78);  
box-shadow:4px 4px 4px 4px rgb(203, 204,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4323, 0.3979, 0.4718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 204, 78) }
```

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

```
.background{ background-color: rgb(203,  
204, 78) }
```

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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