

Converting Colors

Yxy(56.3752, 0.3858, 0.4499)

Have a look what the booklet for
Yxy(56.3752, 0.3858, 0.4499)
contains.

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Color

Yxy(56.3480, 0.3857, 0.4496)

Conversions

Conversions Part 1

Format	Color
Hex	CBCB65
RGB	203, 203, 101
RGB Percent	80%, 80%, 40%
CMY	0.2038, 0.2039, 0.6039
CMYK	0.00, 0.00, 0.50, 0.20
HSL	60°, 50%, 60%
HSV	60°, 50%, 80%
XYZ	48.3395, 56.3480, 20.6417
YIQ	191.3720, 32.7420, -31.7220

Conversions

Conversions Part 2

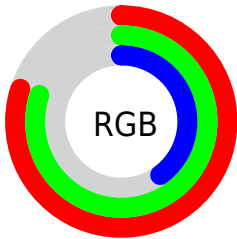
Format	Color
RYB	101, 203, 101
Decimal	13355877
CIELab	79.81, -13.87, 50.30
CIELCh	80, 52.177, 105.418
Yxy	56.3480, 0.3857, 0.4496
Android (android.graphics.Color)	4291545957 (0xFFCBCB65)
YUV	191.3720, -44.5534, 10.1978
Hunter-Lab	75.0653, -16.4164, 36.2419

Details

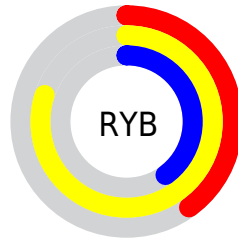
The Yxy color **56.3480, 0.3857, 0.4496** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **16.3953, 0.2172, 0.1712**, and the grayscale version is **52.5811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1131, 0.3723, 0.4275**, and **27.9197, 0.4001, 0.4787** is the 20% darker color. If you saturate the color by 10%, you get **55.9976, 0.3972, 0.4686**, and if you desaturate by 10%, it is **56.8019, 0.3724, 0.4277**.

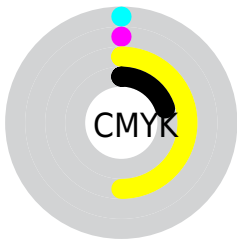
Distribution



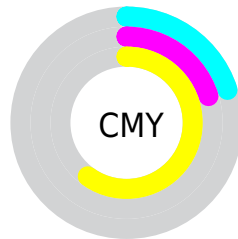
- Red (80%)
- Green (80%)
- Blue (40%)



- Red (40%)
- Yellow (80%)
- Blue (40%)



- Cyan (0%)
- Magenta (0%)
- Yellow (50%)
- Black (20%)





- Cyan (20%)
- Magenta (20%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3480, 0.3857, 0.4496 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 56.3480, 0.3857, 0.4496 by changing the saturation by 10% instead.


 56.3480, 0.3857,
0.4496

 56.3480, 0.3857,
0.4496


411.0017, 0.3531,
0.3915


 40.4820, 0.3923,
0.4628


 99.5132, 0.3750,
0.4293


 27.9146, 0.3997,
0.4789


 127.5812, 0.3706,
0.4214

 18.2613, 0.4077,
0.4986

 160.4853, 0.3668,
0.4147

 11.1377, 0.4156,
0.5225

 198.6100, 0.3634,
0.4088

 6.1595, 0.4300,
0.5629

242.3395, 0.3604,
0.4037

 2.9423, 0.4174,
0.5826

292.0584, 0.3577,

 1.1017, 0.3864,

0.3991

0.6136

348.1510, 0.3553,
0.3951

0.0000, 0.0000,
0.0000

56.3480, 0.3857,
0.4496

56.3480, 0.3857,
0.4496

55.9976, 0.3972,
0.4686

56.8019, 0.3724,
0.4277

55.7355, 0.4065,
0.4839

57.3581, 0.3580,
0.4038

55.5559, 0.4132,
0.4950

58.0253, 0.3430,
0.3790

55.4489, 0.4173,
0.5019

58.8091, 0.3278,
0.3540

55.3962, 0.4194,
0.5052

59.7146, 0.3131,
0.3296

■ 60.7468, 0.2990,
0.3063

■ 61.9102, 0.2857,
0.2844

■ 62.6544, 0.2785,
0.2724

■ 62.6573, 0.2785,
0.2724

Harmonies

Analogous

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



56.3480, 0.4335, 0.4152



56.3480, 0.3857, 0.4496



56.3480, 0.3213, 0.4485

Triad

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



56.3480, 0.3857, 0.4496



56.3480, 0.1933, 0.2688



56.3480, 0.3618, 0.2693

Complementary

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



56.3480, 0.3857, 0.4496



16.3953, 0.2172, 0.1712

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.



56.3480, 0.2919, 0.2372



56.3480, 0.3857, 0.4496



56.3480, 0.2013, 0.2333

Square

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



56.3480, 0.3857, 0.4496



56.3480, 0.2124, 0.3300



56.3480, 0.2350, 0.2239



56.3480, 0.4221, 0.3146

Rectangle

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



56.3480, 0.3857, 0.4496



56.3480, 0.2778, 0.4215



56.3480, 0.2350, 0.2239



56.3480, 0.3382, 0.2568

Sweetspot

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



56.3506, 0.3857, 0.4496



97.7693, 0.3353, 0.3663



22.9828, 0.4517, 0.3273



20.8676, 0.3385, 0.3717



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.



56.3506, 0.3857, 0.4496



93.7094, 0.3978, 0.4696



50.5073, 0.3437, 0.4694



13.0961, 0.3266, 0.3519



35.2432, 0.4194, 0.5052



1.8183, 0.4194, 0.5052

Inverse Universe

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



16.3953, 0.2172, 0.1712



19.5567, 0.1954, 0.1351



20.1363, 0.2620, 0.1880



10.8446, 0.2982, 0.3050



2.7451, 0.1500, 0.0600



0.1418, 0.1500, 0.0601

Previews

White Background



This preview shows how the Yxy color 56.3480, 0.3857, 0.4496 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 Xy color 56.3480, 0.3857, 0.4496 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 56.3480, 0.3857, 0.4496

Background



This preview shows how black text looks on a background with the Yxy color 56.3480, 0.3857, 0.4496.



This preview shows how white text looks on a background with the Yxy color 56.3480, 0.3857, 0.4496.

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

56.3480, 0.3857, 0.4496

Protanopia

56.1944, 0.4028, 0.4407

Deuteranopia

55.8636, 0.4260, 0.4164



Tritanopia

56.0140, 0.3200, 0.3117

Trichromacy



Original Color

56.3480, 0.3857, 0.4496

Protanomaly

56.3748, 0.3967, 0.4437

Deuteranomaly

55.6334, 0.4114, 0.4273

Tritanomaly

55.5590, 0.3459, 0.3615

Monochromacy



Original Color

56.3480, 0.3857, 0.4496

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.1009, 0.3409, 0.3757

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3480, 0.3857, 0.4496 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, 203, 101)` looks like.

```
.text, #text, p{  
    color:rgb(203, 203, 101)  
}
```

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, 203, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 203, 101) }
```

Border

The CSS property to change the border of an element to Yxy 56.3480, 0.3857, 0.4496 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, 203, 101) }
```

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

```
.border{ border-color:rgb(203, 203, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 203, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 203, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 203, 101);  
box-shadow:4px 4px 4px 4px rgb(203, 203,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3480, 0.3857, 0.4496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 203, 101) }
```

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

```
.background{ background-color: rgb(203,  
203, 101) }
```

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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