

Converting Colors

$Yxy(56.6160, 0.3737, 0.4323)$

Have a look what the booklet for
Yxy(56.6160, 0.3737, 0.4323)
contains.

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Color

Yxy(56.5764, 0.3738, 0.4318)

Conversions

Conversions Part 1

Format	Color
Hex	CACB76
RGB	202, 203, 118
RGB Percent	79%, 80%, 46%
CMY	0.2079, 0.2039, 0.5373
CMYK	0.01, 0.00, 0.42, 0.20
HSL	61°, 45%, 63%
HSV	61°, 42%, 80%
XYZ	48.9770, 56.5764, 25.4712
YIQ	193.0110, 26.6890, -26.6470

Conversions

Conversions Part 2

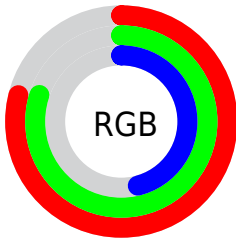
Format	Color
RYB	118, 203, 119
Decimal	13290358
CIELab	79.94, -12.68, 42.18
CIELCh	80, 44.048, 106.734
Yxy	56.5764, 0.3738, 0.4318
Android (android.graphics.Color)	4291480438 (0xFFCACB76)
YUV	193.0110, -36.9804, 7.8834
Hunter-Lab	75.2173, -15.4018, 32.5745

Details

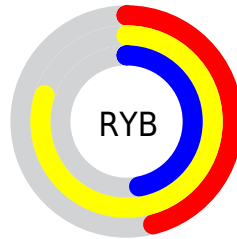
The Yxy color **56.5764, 0.3738, 0.4318** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.1875, 0.2361, 0.2011**, and the grayscale version is **53.5433, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7203, 0.3626, 0.4115**, and **28.0111, 0.3865, 0.4585** is the 20% darker color. If you saturate the color by 10%, you get **56.1127, 0.3866, 0.4535**, and if you desaturate by 10%, it is **57.1492, 0.3597, 0.4080**.

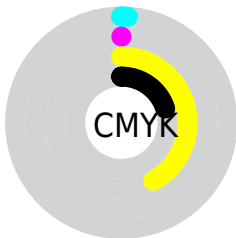
Distribution



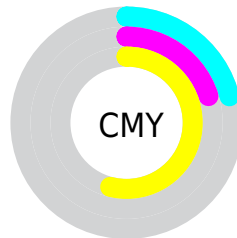
- Red (79%)
- Green (80%)
- Blue (46%)



- Red (46%)
- Yellow (80%)
- Blue (47%)



- Cyan (1%)
- Magenta (0%)
- Yellow (42%)
- Black (20%)




- Cyan (21%)
- Magenta (20%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5764, 0.3738, 0.4318 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 56.5764, 0.3738, 0.4318 by changing the saturation by 10% instead.

 56.5764, 0.3738,
0.4318

 56.5764, 0.3738,
0.4318


411.8601, 0.3459,
0.3818

 40.6652, 0.3797,
0.4435


 99.8468, 0.3644,
0.4141

 28.0576, 0.3867,
0.4580


 127.9749, 0.3607,
0.4073

 18.3691, 0.3947,
0.4762


 160.9441, 0.3574,
0.4015

 11.2153, 0.4037,
0.4995

199.1387, 0.3545,
0.3965

 6.2118, 0.4133,
0.5304

242.9433, 0.3520,
0.3921

 2.9743, 0.4238,
0.5762

292.7421, 0.3498,

 1.1183, 0.3970,

0.3883

0.6030

348.9196, 0.3477,
0.3848

0.0000, 0.0000,
0.0000

56.5764, 0.3738,
0.4318

56.5764, 0.3738,
0.4318

56.1127, 0.3866,
0.4535

57.1492, 0.3597,
0.4080

55.7436, 0.3975,
0.4722

57.8295, 0.3450,
0.3832

55.4641, 0.4062,
0.4871


58.6254, 0.3301,
0.3581

55.2657, 0.4123,
0.4978

59.5423, 0.3154,
0.3335


55.1381, 0.4158,
0.5042

60.5852, 0.3014,
0.3100

 55.0714, 0.4172,
0.5069

 61.7586, 0.2882,
0.2879

 62.7349, 0.2789,
0.2724

 62.7699, 0.2791,
0.2724

 62.8050, 0.2792,
0.2725

Harmonies

Analogous

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



56.5764, 0.4146, 0.4057



56.5764, 0.3738, 0.4318



56.5764, 0.3187, 0.4272

Triad

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



56.5764, 0.3738, 0.4318



56.5764, 0.2097, 0.2770



56.5764, 0.3571, 0.2794

Complementary

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



56.5764, 0.3738, 0.4318



21.1875, 0.2361, 0.2011

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.



56.5764, 0.2981, 0.2506



56.5764, 0.3738, 0.4318



56.5764, 0.2176, 0.2465

Square

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



56.5764, 0.3738, 0.4318



56.5764, 0.2259, 0.3282



56.5764, 0.2482, 0.2385



56.5764, 0.4065, 0.3196

Rectangle

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



56.5764, 0.3738, 0.4318



56.5764, 0.2816, 0.4036



56.5764, 0.2482, 0.2385



56.5764, 0.3374, 0.2683

Sweetspot

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



56.5790, 0.3738, 0.4318



97.9692, 0.3320, 0.3613



26.9578, 0.4200, 0.3293



20.9032, 0.3353, 0.3669



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.



56.5790, 0.3738, 0.4318



94.0312, 0.3851, 0.4510



51.5507, 0.3388, 0.4452



13.0895, 0.3264, 0.3519



35.0450, 0.4172, 0.5069



1.8102, 0.4177, 0.5066

Inverse Universe

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



21.1875, 0.2361, 0.2011



27.1998, 0.2173, 0.1700



24.7892, 0.2740, 0.2132



10.8504, 0.2984, 0.3050



2.7571, 0.1504, 0.0602



0.1446, 0.1519, 0.0610

Previews

White Background



This preview shows how the Yxy color 56.5764, 0.3738, 0.4318 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 56.5764, 0.3738, 0.4318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

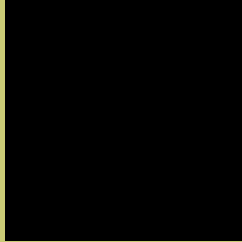
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5764, 0.3738, 0.4318

Background



This preview shows how black text looks on a background with the Yxy color 56.5764, 0.3738, 0.4318.



This preview shows how white text looks on a background with the Yxy color 56.5764, 0.3738, 0.4318.

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

56.5764, 0.3738, 0.4318

Protanopia

56.4008, 0.3906, 0.4240

Deuteranopia

56.3009, 0.4119, 0.4027



Tritanopia

56.2504, 0.3168, 0.3105

Trichromacy



Original Color

56.5764, 0.3738, 0.4318

Protanomaly

56.5900, 0.3845, 0.4265

Deuteranomaly

56.1084, 0.3977, 0.4128

Tritanomaly

55.9849, 0.3385, 0.3543

Monochromacy



Original Color

56.5764, 0.3738, 0.4318

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.4214, 0.3352, 0.3677

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5764, 0.3738, 0.4318 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(202, 203, 118)` looks like.

```
.text, #text, p{  
    color:rgb(202, 203, 118)  
}
```

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(202, 203, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 203, 118) }
```

Border

The CSS property to change the border of an element to Yxy 56.5764, 0.3738, 0.4318 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(202, 203, 118) }
```

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

```
.border{ border-color:rgb(202, 203, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 203, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 203, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 203, 118);  
box-shadow:4px 4px 4px 4px rgb(202, 203,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5764, 0.3738, 0.4318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 203, 118) }
```

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

```
.background{ background-color: rgb(202,  
203, 118) }
```

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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