

Converting Colors

Yxy(56.6813, 0.3638, 0.4184)

Have a look what the booklet for
Yxy(56.6813, 0.3638, 0.4184)
contains.

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Color

Yxy(56.6029, 0.3638, 0.4185)

Conversions

Conversions Part 1

Format	Color
Hex	C8CB82
RGB	200, 203, 130
RGB Percent	78%, 80%, 51%
CMY	0.2157, 0.2039, 0.4903
CMYK	0.01, 0.00, 0.36, 0.20
HSL	62°, 41%, 65%
HSV	62°, 36%, 80%
XYZ	49.2046, 56.6029, 29.4443
YIQ	193.7810, 21.6450, -23.3390

Conversions

Conversions Part 2

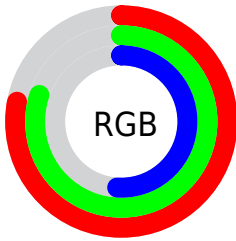
Format	Color
RYB	130, 203, 133
Decimal	13159298
CIELab	79.96, -12.13, 36.11
CIElCh	80, 38.090, 108.565
Yxy	56.6029, 0.3638, 0.4185
Android (android.graphics.Color)	4291349378 (0xFFC8CB82)
YUV	193.7810, -31.4440, 5.4541
Hunter-Lab	75.2349, -14.9197, 29.4604

Details

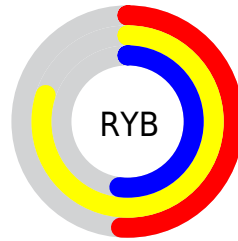
The Yxy color **56.6029, 0.3638, 0.4185** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.2578, 0.2503, 0.2224**, and the grayscale version is **53.9931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2407, 0.3550, 0.3988**, and **28.0791, 0.3755, 0.4424** is the 20% darker color. If you saturate the color by 10%, you get **55.9986, 0.3769, 0.4420**, and if you desaturate by 10%, it is **57.3205, 0.3498, 0.3937**.

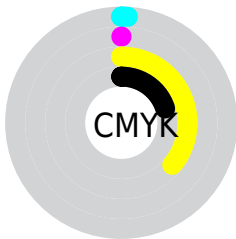
Distribution



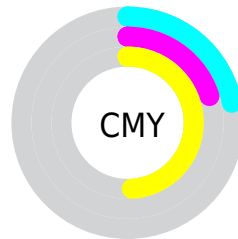
- Red (78%)
- Green (80%)
- Blue (51%)



- Red (51%)
- Yellow (80%)
- Blue (52%)



- Cyan (1%)
- Magenta (0%)
- Yellow (36%)
- Black (20%)




- Cyan (22%)
- Magenta (20%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6029, 0.3638, 0.4185 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 56.6029, 0.3638, 0.4185 by changing the saturation by 10% instead.


 56.6029, 0.3638,
0.4185

 56.6029, 0.3638,
0.4185


411.9597, 0.3402,
0.3747

 40.6865, 0.3690,
0.4289


 99.8855, 0.3557,
0.4029

 28.0742, 0.3751,
0.4420


 128.0206, 0.3526,
0.3970

 18.3816, 0.3825,
0.4587

 160.9973, 0.3498,
0.3919

 11.2243, 0.3913,
0.4805

199.2000, 0.3474,
0.3875

 6.2179, 0.4008,
0.5097

243.0133, 0.3453,
0.3837

 2.9780, 0.4267,
0.5733

292.8213, 0.3434,

 1.1203, 0.4015,

0.3803

0.5985

349.0087, 0.3417,
0.3773

0.0000, 0.0000,
0.0000

56.6029, 0.3638,
0.4185

56.6029, 0.3638,
0.4185

55.9986, 0.3769,
0.4420

57.3205, 0.3498,
0.3937

55.4935, 0.3885,
0.4631

58.1495, 0.3354,
0.3684

55.0833, 0.3980,
0.4809


59.0980, 0.3211,
0.3435


54.7599, 0.4051,
0.4947


60.1709, 0.3072,
0.3195

54.5141, 0.4097,
0.5042


61.3731, 0.2940,
0.2968

 54.3345, 0.4117,
0.5095

 62.7091, 0.2817,
0.2757

 54.2718, 0.4121,
0.5110

 63.0333, 0.2803,
0.2726

 63.1529, 0.2809,
0.2727

 63.2730, 0.2815,
0.2728

Harmonies

Analogous

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



56.6029, 0.4000, 0.3986



56.6029, 0.3638, 0.4185



56.6029, 0.3156, 0.4115

Triad

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



56.6029, 0.3638, 0.4185



56.6029, 0.2222, 0.2823



56.6029, 0.3543, 0.2876

Complementary

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



56.6029, 0.3638, 0.4185



25.2578, 0.2503, 0.2224

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.



56.6029, 0.3034, 0.2613



56.6029, 0.3638, 0.4185



56.6029, 0.2304, 0.2561

Square

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



56.6029, 0.3638, 0.4185



56.6029, 0.2355, 0.3259



56.6029, 0.2588, 0.2497



56.6029, 0.3956, 0.3238

Rectangle

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



56.6029, 0.3638, 0.4185



56.6029, 0.2834, 0.3902



56.6029, 0.2588, 0.2497



56.6029, 0.3375, 0.2775

Sweetspot

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



56.6055, 0.3638, 0.4185



98.1054, 0.3284, 0.3563



30.9242, 0.3974, 0.3324



20.9524, 0.3304, 0.3597



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.



56.6055, 0.3638, 0.4185



93.9910, 0.3739, 0.4365



52.2242, 0.3337, 0.4281



13.0723, 0.3259, 0.3519



34.5466, 0.4122, 0.5109



1.7897, 0.4137, 0.5097

Inverse Universe

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



25.2578, 0.2503, 0.2224



34.0481, 0.2346, 0.1958



28.6997, 0.2831, 0.2315



10.8656, 0.2988, 0.3051



2.7879, 0.1514, 0.0608



0.1517, 0.1563, 0.0635

Previews

White Background



This preview shows how the Yxy color 56.6029, 0.3638, 0.4185 looks on a white background.

Color Contrast Check

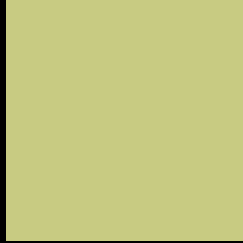
Large Text (above 18pt) WCAG AA × Fail

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 56.6029, 0.3638, 0.4185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

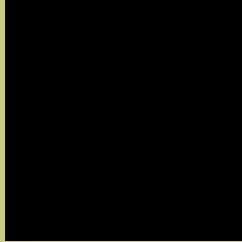
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6029, 0.3638, 0.4185

Background



This preview shows how black text looks on a background with the Yxy color 56.6029, 0.3638, 0.4185.



This preview shows how white text looks on a background with the Yxy color 56.6029, 0.3638, 0.4185.

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

56.6029, 0.3638, 0.4185

Protanopia

56.3938, 0.3802, 0.4114

Deuteranopia

56.0932, 0.3999, 0.3910



Tritanopia

56.2987, 0.3136, 0.3104

Trichromacy



Original Color

56.6029, 0.3638, 0.4185

Protanomaly

56.5952, 0.3743, 0.4138

Deuteranomaly

56.0968, 0.3869, 0.4004

Tritanomaly

56.3496, 0.3328, 0.3495

Monochromacy



Original Color

56.6029, 0.3638, 0.4185

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.6085, 0.3314, 0.3614

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6029, 0.3638, 0.4185 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(200, 203, 130)` looks like.

```
.text, #text, p{  
    color:rgb(200, 203, 130)  
}
```

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(200, 203, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 203, 130) }
```

Border

The CSS property to change the border of an element to Yxy 56.6029, 0.3638, 0.4185 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(200, 203, 130) }
```

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

```
.border{ border-color:rgb(200, 203, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 203, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 203, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 203, 130);  
box-shadow:4px 4px 4px 4px rgb(200, 203,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6029, 0.3638, 0.4185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 203, 130) }
```

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

```
.background{ background-color: rgb(200,  
203, 130) }
```

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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