

Converting Colors

$Yxy(58.3014, 0.3824, 0.4513)$

Have a look what the booklet for
Yxy(58.3014, 0.3824, 0.4513)
contains.

Yxy(58.3014, 0.3824, 0.4513)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.3014, 0.3824, 0.4513)

Conversions

Conversions Part 1

Format	Color
Hex	CBCF67
RGB	203, 207, 103
RGB Percent	80%, 81%, 40%
CMY	0.2037, 0.1883, 0.5960
CMYK	0.02, 0.00, 0.50, 0.19
HSL	62°, 52%, 61%
HSV	62°, 50%, 81%
XYZ	49.4005, 58.3014, 21.4835
YIQ	193.9480, 31.0000, -33.1920

Conversions

Conversions Part 2

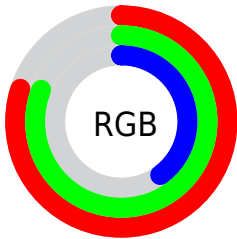
Format	Color
RYB	103, 207, 107
Decimal	13356903
CIELab	80.91, -15.69, 50.65
CIELCh	81, 53.021, 107.214
Yxy	58.3014, 0.3824, 0.4513
Android (android.graphics.Color)	4291546983 (0xFFCBCF67)
YUV	193.9480, -44.8374, 7.9386
Hunter-Lab	76.3554, -18.1356, 36.7668

Details

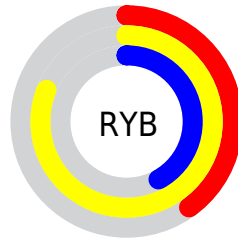
The Yxy color **58.3014, 0.3824, 0.4513** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.3296, 0.2202, 0.1721**, and the grayscale version is **54.1791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2143, 0.3706, 0.4247**, and **29.2245, 0.3954, 0.4810** is the 20% darker color. If you saturate the color by 10%, you get **57.8287, 0.3932, 0.4710**, and if you desaturate by 10%, it is **58.8829, 0.3698, 0.4288**.

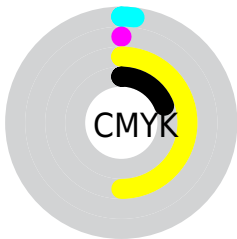
Distribution



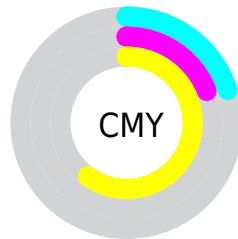
- Red (80%)
- Green (81%)
- Blue (40%)



- Red (40%)
- Yellow (81%)
- Blue (42%)



- Cyan (2%)
- Magenta (0%)
- Yellow (50%)
- Black (19%)





- Cyan (20%)
- Magenta (19%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3014, 0.3824, 0.4513 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 58.3014, 0.3824, 0.4513 by changing the saturation by 10% instead.


 58.3014, 0.3824,
0.4513

 58.3014, 0.3824,
0.4513


418.3081, 0.3517,
0.3925


 42.0510, 0.3885,
0.4647


 102.3616, 0.3724,
0.4308


 29.1412, 0.3953,
0.4810


 130.9403, 0.3682,
0.4228

 19.1877, 0.4027,
0.5010


 164.3971, 0.3646,
0.4159

 11.8060, 0.4097,
0.5255

 203.1165, 0.3614,
0.4100

 6.6117, 0.4205,
0.5638

247.4829, 0.3586,
0.4048

 3.2205, 0.4104,
0.5896

297.8807, 0.3560,

 1.2479, 0.3799,

0.4002

0.6201

354.6943, 0.3537,
0.3961

■ 0.1003, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3014, 0.3824,
0.4513

■ 58.3014, 0.3824,
0.4513

■ 57.8287, 0.3932,
0.4710

■ 58.8829, 0.3698,
0.4288

■ 57.4491, 0.4018,
0.4871

■ 59.5720, 0.3561,
0.4044


■ 57.1563, 0.4079,
0.4990


■ 60.3779, 0.3417,
0.3792


■ 56.9399, 0.4113,
0.5066


■ 61.3064, 0.3272,
0.3540


 56.7836, 0.4127,
0.5105

 62.3629, 0.3130,
0.3296

 63.5525, 0.2995,
0.3063

 64.8802, 0.2867,
0.2845

 65.4432, 0.2829,
0.2774

 65.5581, 0.2835,
0.2775

Harmonies

Analogous

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



58.3014, 0.4319, 0.4182



58.3014, 0.3824, 0.4513



58.3014, 0.3172, 0.4475

Triad

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



58.3014, 0.3824, 0.4513



58.3014, 0.1926, 0.2656



58.3014, 0.3662, 0.2715

Complementary

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



58.3014, 0.3824, 0.4513



17.3296, 0.2202, 0.1721

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.



58.3014, 0.2958, 0.2383



58.3014, 0.3824, 0.4513



58.3014, 0.2021, 0.2316

Square

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



58.3014, 0.3824, 0.4513



58.3014, 0.2101, 0.3257



58.3014, 0.2374, 0.2237



58.3014, 0.4254, 0.3175

Rectangle

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



58.3014, 0.3824, 0.4513



58.3014, 0.2739, 0.4186



58.3014, 0.2374, 0.2237



58.3014, 0.3426, 0.2586

Sweetspot

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



58.3041, 0.3824, 0.4513



97.5031, 0.3344, 0.3665



24.6500, 0.4519, 0.3337



20.8027, 0.3374, 0.3718



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.



58.3041, 0.3824, 0.4513



92.6569, 0.3937, 0.4719



52.2307, 0.3396, 0.4715



13.7739, 0.3260, 0.3520



35.7899, 0.4128, 0.5104



2.0084, 0.4141, 0.5094

Inverse Universe

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



17.3296, 0.2202, 0.1721



19.8980, 0.1987, 0.1365



21.5235, 0.2672, 0.1898



11.4387, 0.2988, 0.3050



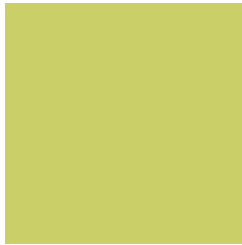
2.8795, 0.1513, 0.0607



0.1687, 0.1556, 0.0631

Previews

White Background



This preview shows how the Yxy color 58.3014, 0.3824, 0.4513 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 58.3014, 0.3824, 0.4513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

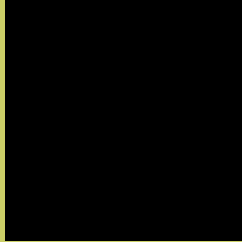
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3014, 0.3824, 0.4513

Background



This preview shows how black text looks on a background with the Yxy color 58.3014, 0.3824, 0.4513.



This preview shows how white text looks on a background with the Yxy color 58.3014, 0.3824, 0.4513.

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

58.3014, 0.3824, 0.4513

Protanopia

58.2425, 0.4032, 0.4401

Deuteranopia

57.9160, 0.4260, 0.4162



Tritanopia

58.1304, 0.3175, 0.3119

Trichromacy



Original Color

58.3014, 0.3824, 0.4513

Protanomaly

58.1183, 0.3954, 0.4438

Deuteranomaly

57.7961, 0.4093, 0.4285

Tritanomaly

57.6360, 0.3435, 0.3624

Monochromacy



Original Color

58.3014, 0.3824, 0.4513

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.2904, 0.3395, 0.3763

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3014, 0.3824, 0.4513 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, 207, 103)` looks like.

```
.text, #text, p{  
    color:rgb(203, 207, 103)  
}
```

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, 207, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 207, 103) }
```

Border

The CSS property to change the border of an element to Yxy 58.3014, 0.3824, 0.4513 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, 207, 103) }
```

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

```
.border{ border-color:rgb(203, 207, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 207, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 207, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 207, 103);  
box-shadow:4px 4px 4px 4px rgb(203, 207,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3014, 0.3824, 0.4513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 207, 103) }
```

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

```
.background{ background-color: rgb(203,  
207, 103) }
```

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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