

Converting Colors

$Yxy(59.5407, 0.3890, 0.4487)$

Have a look what the booklet for
Yxy(59.5407, 0.3890, 0.4487)
contains.

Yxy(59.4538, 0.3891, 0.4481)	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(59.4538, 0.3891, 0.4481)

Conversions

Conversions Part 1

Format	Color
Hex	D3CF67
RGB	211, 207, 103
RGB Percent	83%, 81%, 40%
CMY	0.1726, 0.1882, 0.5959
CMYK	0.00, 0.02, 0.51, 0.17
HSL	58°, 55%, 62%
HSV	58°, 51%, 83%
XYZ	51.6257, 59.4538, 21.6003
YIQ	196.3400, 35.7680, -31.4960

Conversions

Conversions Part 2

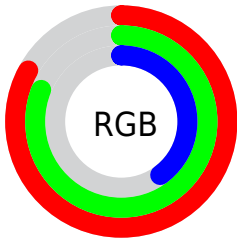
Format	Color
RYB	107, 211, 103
Decimal	13881191
CIELab	81.54, -12.48, 51.53
CIELCh	82, 53.018, 103.612
Yxy	59.4538, 0.3891, 0.4481
Android (android.graphics.Color)	4292071271 (0xFFD3CF67)
YUV	196.3400, -46.0166, 12.8568
Hunter-Lab	77.1063, -15.4232, 37.3651

Details

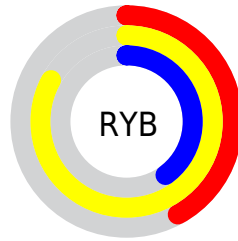
The Yxy color **59.4538, 0.3891, 0.4481** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.1138, 0.2161, 0.1731**, and the grayscale version is **55.6863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2143, 0.3706, 0.4247**, and **29.8915, 0.4033, 0.4762** is the 20% darker color. If you saturate the color by 10%, you get **58.7079, 0.4013, 0.4665**, and if you desaturate by 10%, it is **60.3140, 0.3752, 0.4269**.

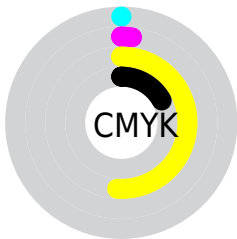
Distribution



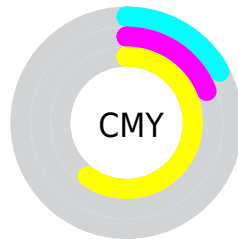
- Red (83%)
- Green (81%)
- Blue (40%)



- Red (42%)
- Yellow (83%)
- Blue (40%)



- Cyan (0%)
- Magenta (2%)
- Yellow (51%)
- Black (17%)



- Cyan (17%)
- Magenta (19%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4538, 0.3891, 0.4481 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 59.4538, 0.3891, 0.4481 by changing the saturation by 10% instead.

■ 59.4538, 0.3891,
0.4481

■ 59.4538, 0.3891,
0.4481

■ 422.5816, 0.3552,
0.3915

■ 42.9785, 0.3959,
0.4608

■ 104.0369, 0.3780,
0.4285

■ 29.8683, 0.4037,
0.4760

■ 132.9136, 0.3734,
0.4209

■ 19.7386, 0.4122,
0.4945

■ 166.6928, 0.3694,
0.4143

■ 12.2052, 0.4207,
0.5168

■ 205.7590, 0.3659,
0.4085

■ 6.8836, 0.4334,
0.5506

■ 250.4966, 0.3628,
0.4035

■ 3.3894, 0.4276,
0.5724

■ 301.2900, 0.3600,

■ 1.3382, 0.4052,

0.3991

0.5948

358.5235, 0.3575,
0.3951

0.1705, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.4538, 0.3891,
0.4481

59.4538, 0.3891,
0.4481

58.7079, 0.4013,
0.4665

60.3140, 0.3752,
0.4269

58.0598, 0.4113,
0.4811


61.2876, 0.3602,
0.4037

57.5028, 0.4187,
0.4915


62.3840, 0.3448,
0.3796


57.0259, 0.4235,
0.4975


63.6094, 0.3294,
0.3554


 56.6533, 0.4260,
0.5000

 64.9696, 0.3144,
0.3317

 66.4699, 0.3002,
0.3091

 68.1156, 0.2869,
0.2878

 68.7781, 0.2844,
0.2844

 69.1718, 0.2844,
0.2853

Harmonies

Analogous

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



59.4538, 0.4353, 0.4123



59.4538, 0.3891, 0.4481



59.4538, 0.3253, 0.4497

Triad

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



59.4538, 0.3891, 0.4481



59.4538, 0.1939, 0.2719



59.4538, 0.3575, 0.2670

Complementary

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



59.4538, 0.3891, 0.4481



18.1138, 0.2161, 0.1731

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.



59.4538, 0.2880, 0.2359



59.4538, 0.3891, 0.4481



59.4538, 0.2002, 0.2348

Square

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



59.4538, 0.3891, 0.4481



59.4538, 0.2146, 0.3343



59.4538, 0.2324, 0.2239



59.4538, 0.4190, 0.3117

Rectangle

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



59.4538, 0.3891, 0.4481



59.4538, 0.2816, 0.4245



59.4538, 0.2324, 0.2239



59.4538, 0.3339, 0.2548

Sweetspot

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



59.4565, 0.3891, 0.4481



96.8784, 0.3355, 0.3650



24.6516, 0.4512, 0.3228



20.6502, 0.3388, 0.3702



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.



59.4565, 0.3891, 0.4481



90.0774, 0.4019, 0.4673



55.2911, 0.3470, 0.4710



13.7196, 0.3267, 0.3511



34.2273, 0.4258, 0.5001



1.9376, 0.4246, 0.5011

Inverse Universe

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



18.1138, 0.2161, 0.1731



20.0414, 0.1948, 0.1379



21.0536, 0.2572, 0.1836



11.4867, 0.2982, 0.3059



2.9733, 0.1507, 0.0626



0.1914, 0.1530, 0.0709

Previews

White Background



This preview shows how the Yxy color 59.4538, 0.3891, 0.4481 looks on a white background.

Color Contrast Check

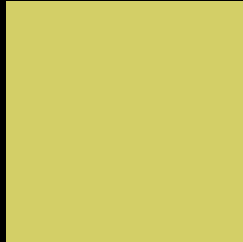
Large Text (above 18pt) WCAG AA × Fail

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 59.4538, 0.3891, 0.4481 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 59.4538, 0.3891, 0.4481

Background



This preview shows how black text looks on a background with the Yxy color 59.4538, 0.3891, 0.4481.



This preview shows how white text looks on a background with the Yxy color 59.4538, 0.3891, 0.4481.

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

59.4538, 0.3891, 0.4481

Protanopia

59.5185, 0.4031, 0.4402

Deuteranopia

59.1579, 0.4264, 0.4174



Tritanopia

59.2130, 0.3231, 0.3122

Trichromacy



Original Color

59.4538, 0.3891, 0.4481

Protanomaly

59.2051, 0.3982, 0.4431

Deuteranomaly

59.0909, 0.4129, 0.4276

Tritanomaly

58.6925, 0.3494, 0.3617

Monochromacy



Original Color

59.4538, 0.3891, 0.4481

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.3347, 0.3419, 0.3757

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4538, 0.3891, 0.4481 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(211, 207, 103)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 207, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 207, 103) }
```

Border

The CSS property to change the border of an element to Yxy 59.4538, 0.3891, 0.4481 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(211, 207, 103) }
```

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

```
.border{ border-color:rgb(211, 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(211, 207, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 207, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 207, 103);  
box-shadow:4px 4px 4px 4px rgb(211, 207,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4538, 0.3891, 0.4481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 207, 103) }
```

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

```
.background{ background-color: rgb(211,  
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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