

Converting Colors

Yxy(62.1486, 0.3888, 0.4500)

Have a look what the booklet for
Yxy(62.1486, 0.3888, 0.4500)
contains.

Yxy(61.8841, 0.3889, 0.4496)	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(61.8841, 0.3889, 0.4496)

Conversions

Conversions Part 1

Format	Color
Hex	D6D368
RGB	214, 211, 104
RGB Percent	84%, 83%, 41%
CMY	0.1607, 0.1726, 0.5920
CMYK	0.00, 0.01, 0.51, 0.16
HSL	58°, 57%, 62%
HSV	58°, 51%, 84%
XYZ	53.5292, 61.8841, 22.2293
YIQ	199.6990, 36.1350, -32.6410

Conversions

Conversions Part 2

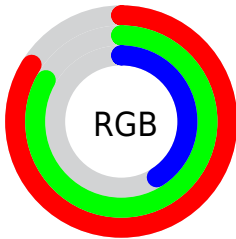
Format	Color
RYB	107, 214, 104
Decimal	14078824
CIELab	82.85, -13.18, 52.67
CIELCh	83, 54.292, 104.046
Yxy	61.8841, 0.3889, 0.4496
Android (android.graphics.Color)	4292268904 (0xFFD6D368)
YUV	199.6990, -47.1796, 12.5420
Hunter-Lab	78.6664, -16.2046, 38.3126

Details

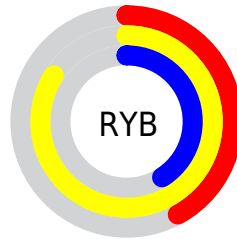
The Yxy color **61.8841, 0.3889, 0.4496** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.3274, 0.2153, 0.1707**, and the grayscale version is **57.8477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2486, 0.3700, 0.4238**, and **31.5300, 0.4025, 0.4774** is the 20% darker color. If you saturate the color by 10%, you get **61.2146, 0.4008, 0.4680**, and if you desaturate by 10%, it is **62.6707, 0.3752, 0.4283**.

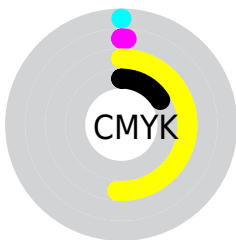
Distribution



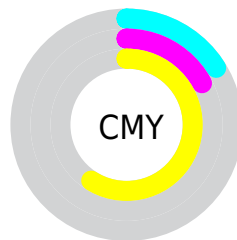
- Red (84%)
- Green (83%)
- Blue (41%)



- Red (42%)
- Yellow (84%)
- Blue (41%)



- Cyan (0%)
- Magenta (1%)
- Yellow (51%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8841, 0.3889, 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 61.8841, 0.3889, 0.4496 by changing the saturation by 10% instead.

61.8841, 0.3889,
0.4496

61.8841, 0.3889,
0.4496

431.5082, 0.3554,
0.3927

44.9391, 0.3955,
0.4622

107.5580, 0.3780,
0.4300

31.4094, 0.4030,
0.4774

137.0557, 0.3735,
0.4223

20.9108, 0.4112,
0.4958

171.5063, 0.3696,
0.4157

13.0588, 0.4194,
0.5179

211.2943, 0.3661,
0.4099

7.4691, 0.4302,
0.5494

256.8041, 0.3630,
0.4048

3.7571, 0.4264,
0.5736

308.4201, 0.3602,

1.5387, 0.4045,

0.4003

366.5267, 0.3577,
0.3963

0.5955

0.3157, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.8841, 0.3889,
0.4496

61.8841, 0.3889,
0.4496

61.2146, 0.4008,
0.4680

62.6707, 0.3752,
0.4283

60.6452, 0.4105,
0.4826


63.5736, 0.3604,
0.4050

60.1689, 0.4176,
0.4929

64.6024, 0.3451,
0.3807


59.7740, 0.4221,
0.4989

65.7637, 0.3297,
0.3562


 59.4819, 0.4242,
0.5014

 67.0633, 0.3147,
0.3323

 68.5069, 0.3005,
0.3094

 70.0999, 0.2872,
0.2879

 70.4735, 0.2865,
0.2874

 70.7741, 0.2865,
0.2880

Harmonies

Analogous

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



61.8841, 0.4360, 0.4137



61.8841, 0.3889, 0.4496



61.8841, 0.3243, 0.4507

Triad

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



61.8841, 0.3889, 0.4496



61.8841, 0.1927, 0.2705



61.8841, 0.3590, 0.2670

Complementary

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



61.8841, 0.3889, 0.4496



18.3274, 0.2153, 0.1707

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.



61.8841, 0.2887, 0.2355



61.8841, 0.3889, 0.4496



61.8841, 0.1995, 0.2336

Square

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



61.8841, 0.3889, 0.4496



61.8841, 0.2132, 0.3332



61.8841, 0.2323, 0.2230



61.8841, 0.4209, 0.3121

Rectangle

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



61.8841, 0.3889, 0.4496



61.8841, 0.2803, 0.4249



61.8841, 0.2323, 0.2230



61.8841, 0.3351, 0.2547

Sweetspot

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



61.8870, 0.3889, 0.4496



97.1094, 0.3354, 0.3654



25.2829, 0.4549, 0.3250



20.7066, 0.3387, 0.3706



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.



61.8870, 0.3889, 0.4496



90.9065, 0.4022, 0.4700



56.8550, 0.3456, 0.4725



14.4588, 0.3267, 0.3514



35.9737, 0.4241, 0.5014



2.1886, 0.4232, 0.5021

Inverse Universe

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



18.3274, 0.2153, 0.1707



19.1089, 0.1925, 0.1331



21.7681, 0.2586, 0.1834



12.0627, 0.2981, 0.3056



3.0362, 0.1505, 0.0619



0.2028, 0.1522, 0.0678

Previews

White Background



This preview shows how the Yxy color 61.8841, 0.3889, 0.4496 looks on a white background.

Color Contrast Check

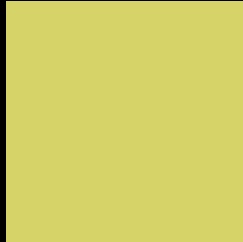
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 61.8841, 0.3889, 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 61.8841, 0.3889, 0.4496

Background



This preview shows how black text looks on a background with the Yxy color 61.8841, 0.3889, 0.4496.



This preview shows how white text looks on a background with the Yxy color 61.8841, 0.3889, 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

61.8841, 0.3889, 0.4496

Protanopia

61.6159, 0.4040, 0.4405

Deuteranopia

61.4452, 0.4279, 0.4176



Tritanopia

61.7094, 0.3221, 0.3125

Trichromacy



Original Color

61.8841, 0.3889, 0.4496

Protanomaly

61.7790, 0.3987, 0.4443

Deuteranomaly

61.1855, 0.4138, 0.4281

Tritanomaly

61.1400, 0.3486, 0.3624

Monochromacy



Original Color

61.8841, 0.3889, 0.4496

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.8815, 0.3421, 0.3760

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8841, 0.3889, 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(214, 211, 104)` looks like.

```
.text, #text, p{  
    color:rgb(214, 211, 104)  
}
```

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(214, 211, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 211, 104) }
```

Border

The CSS property to change the border of an element to Yxy 61.8841, 0.3889, 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(214, 211, 104) }
```

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

```
.border{ border-color:rgb(214, 211, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 211, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 211, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 211, 104);  
box-shadow:4px 4px 4px 4px rgb(214, 211,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8841, 0.3889, 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(214, 211, 104) }
```

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

```
.background{ background-color: rgb(214,  
211, 104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor