

Converting Colors

$Yxy(61.7961, 0.3787, 0.4675)$

Have a look what the booklet for
Yxy(61.7961, 0.3787, 0.4675)
contains.

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Color

Yxy(61.5875, 0.3789, 0.4670)

Conversions

Conversions Part 1

Format	Color
Hex	C7D760
RGB	199, 215, 96
RGB Percent	78%, 84%, 38%
CMY	0.2195, 0.1569, 0.6235
CMYK	0.07, 0.00, 0.55, 0.16
HSL	68°, 60%, 61%
HSV	68°, 55%, 84%
XYZ	49.9690, 61.5875, 20.3226
YIQ	196.6500, 28.6630, -40.4010

Conversions

Conversions Part 2

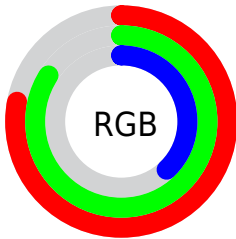
Format	Color
RYB	96, 215, 112
Decimal	13096800
CIELab	82.69, -21.86, 55.86
CIELCh	83, 59.989, 111.370
Yxy	61.5875, 0.3789, 0.4670
Android (android.graphics.Color)	4291286880 (0xFFC7D760)
YUV	196.6500, -49.6204, 2.0610
Hunter-Lab	78.4777, -23.6800, 39.5807

Details

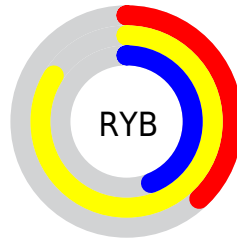
The Yxy color **61.5875, 0.3789, 0.4670** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **16.7188, 0.2179, 0.1575**, and the grayscale version is **55.9083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9820, 0.3745, 0.4311**, and **31.1484, 0.3898, 0.4993** is the 20% darker color. If you saturate the color by 10%, you get **60.8555, 0.3869, 0.4869**, and if you desaturate by 10%, it is **62.4408, 0.3689, 0.4440**.

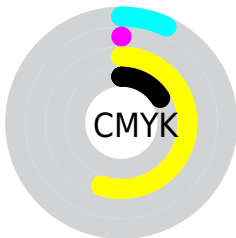
Distribution



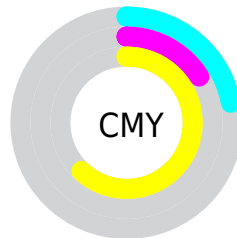
- Red (78%)
- Green (84%)
- Blue (38%)



- Red (38%)
- Yellow (84%)
- Blue (44%)



- Cyan (7%)
- Magenta (0%)
- Yellow (55%)
- Black (16%)





- Cyan (22%)
- Magenta (16%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5875, 0.3789, 0.4670 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 61.5875, 0.3789, 0.4670 by changing the saturation by 10% instead.

 61.5875, 0.3789,
0.4670


 61.5875, 0.3789,
0.4670


430.4248, 0.3511,
0.4009


 44.6995, 0.3839,
0.4819


 107.1291, 0.3702,
0.4440


 31.2208, 0.3892,
0.5000


 136.5515, 0.3665,
0.4351

 20.7670, 0.3942,
0.5220


 170.9208, 0.3632,
0.4273

 12.9538, 0.3976,
0.5487

 210.6214, 0.3603,
0.4206

 7.3967, 0.4048,
0.5924

256.0378, 0.3576,
0.4148

 3.7114, 0.3841,
0.6159

307.5542, 0.3552,

 1.5135, 0.3464,

0.4096

0.6536

365.5551, 0.3531,
0.4050

0.2982, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.5875, 0.3789,
0.4670

61.5875, 0.3789,
0.4670

60.8555, 0.3869,
0.4869

62.4408, 0.3689,
0.4440

60.2275, 0.3925,
0.5030


63.4152, 0.3574,
0.4191


59.6955, 0.3955,
0.5146


64.5208, 0.3450,
0.3932

59.2467, 0.3959,
0.5217


65.7642, 0.3322,
0.3673


 59.0553, 0.3956,
0.5241

 67.1518, 0.3194,
0.3420

 68.6894, 0.3070,
0.3180

 70.3825, 0.2952,
0.2955

 71.3695, 0.2919,
0.2873

 71.8298, 0.2938,
0.2875

Harmonies

Analogous

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



61.5875, 0.4375, 0.4323



61.5875, 0.3789, 0.4670



61.5875, 0.3063, 0.4574

Triad

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



61.5875, 0.3789, 0.4670



61.5875, 0.1811, 0.2513



61.5875, 0.3824, 0.2720

Complementary

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



61.5875, 0.3789, 0.4670



16.7188, 0.2179, 0.1575

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.



61.5875, 0.3040, 0.2338



61.5875, 0.3789, 0.4670



61.5875, 0.1954, 0.2192

Square

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



61.5875, 0.3789, 0.4670



61.5875, 0.1955, 0.3137



61.5875, 0.2372, 0.2148



61.5875, 0.4444, 0.3229

Rectangle

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



61.5875, 0.3789, 0.4670



61.5875, 0.2598, 0.4204



61.5875, 0.2372, 0.2148



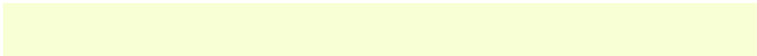
61.5875, 0.3565, 0.2574

Sweetspot

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



61.5903, 0.3789, 0.4670



96.4282, 0.3345, 0.3719



26.8533, 0.4657, 0.3482



20.5582, 0.3371, 0.3772



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.



61.5903, 0.3789, 0.4670



89.4252, 0.3878, 0.4893



54.9900, 0.3322, 0.4915



14.4315, 0.3246, 0.3522



35.3560, 0.3960, 0.5238



2.1565, 0.4003, 0.5204

Inverse Universe

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



16.7188, 0.2179, 0.1575



17.2585, 0.1963, 0.1220



21.9741, 0.2730, 0.1800



12.0879, 0.3002, 0.3050



3.1161, 0.1555, 0.0630



0.2146, 0.1682, 0.0700

Previews

White Background



This preview shows how the Yxy color 61.5875, 0.3789, 0.4670 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 61.5875, 0.3789, 0.4670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

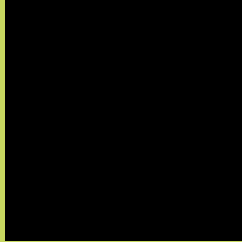
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5875, 0.3789, 0.4670

Background



This preview shows how black text looks on a background with the Yxy color 61.5875, 0.3789, 0.4670.



This preview shows how white text looks on a background with the Yxy color 61.5875, 0.3789, 0.4670.

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

61.5875, 0.3789, 0.4670

Protanopia

61.4269, 0.4099, 0.4493

Deuteranopia

61.3021, 0.4325, 0.4235



Tritanopia

61.3001, 0.3090, 0.3109

Trichromacy



Original Color

61.5875, 0.3789, 0.4670

Protanomaly

61.1608, 0.3983, 0.4558

Deuteranomaly

60.9364, 0.4125, 0.4393

Tritanomaly

60.9470, 0.3365, 0.3682

Monochromacy



Original Color

61.5875, 0.3789, 0.4670

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.7296, 0.3400, 0.3832

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5875, 0.3789, 0.4670 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(199, 215, 96)` looks like.

```
.text, #text, p{  
    color:rgb(199, 215, 96)  
}
```

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(199, 215, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 215, 96) }
```

Border

The CSS property to change the border of an element to Yxy 61.5875, 0.3789, 0.4670 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(199, 215, 96) }
```

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

```
.border{ border-color:rgb(199, 215, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 215, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 215, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 215, 96);  
box-shadow:4px 4px 4px 4px rgb(199, 215,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5875, 0.3789, 0.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 215, 96) }
```

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

```
.background{ background-color: rgb(199,  
215, 96) }
```

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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