

Converting Colors

Yxy(61.4326, 0.3742, 0.4698)

Have a look what the booklet for
Yxy(61.4326, 0.3742, 0.4698)
contains.

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Color

Yxy(61.4256, 0.3743, 0.4700)

Conversions

Conversions Part 1

Format	Color
Hex	C2D860
RGB	194, 216, 96
RGB Percent	76%, 85%, 38%
CMY	0.2392, 0.1529, 0.6234
CMYK	0.10, 0.00, 0.56, 0.15
HSL	71°, 61%, 61%
HSV	71°, 56%, 85%
XYZ	48.9183, 61.4256, 20.3489
YIQ	195.7420, 25.4080, -41.9840

Conversions

Conversions Part 2

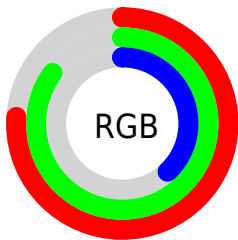
Format	Color
RYB	96, 216, 118
Decimal	12769376
CIELab	82.61, -24.33, 55.67
CIELCh	83, 60.752, 113.613
Yxy	61.4256, 0.3743, 0.4700
Android (android.graphics.Color)	4290959456 (0xFFC2D860)
YUV	195.7420, -49.1728, -1.5277
Hunter-Lab	78.3745, -25.7426, 39.4683

Details

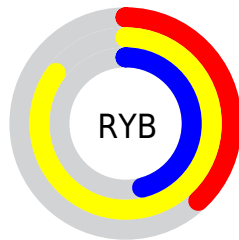
The Yxy color **61.4256, 0.3743, 0.4700** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.1801, 0.2222, 0.1587**, and the grayscale version is **55.3317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4175, 0.3724, 0.4319**, and **31.0602, 0.3836, 0.5039** is the 20% darker color. If you saturate the color by 10%, you get **60.5666, 0.3814, 0.4909**, and if you desaturate by 10%, it is **62.4134, 0.3652, 0.4462**.

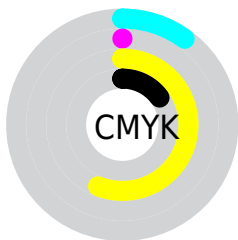
Distribution



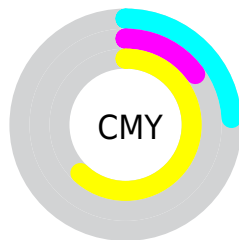
- Red (76%)
- Green (85%)
- Blue (38%)



- Red (38%)
- Yellow (85%)
- Blue (46%)



- Cyan (10%)
- Magenta (0%)
- Yellow (56%)
- Black (15%)




- Cyan (24%)
- Magenta (15%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4256, 0.3743, 0.4700 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 61.4256, 0.3743, 0.4700 by changing the saturation by 10% instead.


 61.4256, 0.3743,
0.4700


 61.4256, 0.3743,
0.4700


429.8328, 0.3488,
0.4020


 44.5687, 0.3787,
0.4855

 106.8949, 0.3664,
0.4463

 31.1179, 0.3833,
0.5043


 136.2762, 0.3630,
0.4370

 20.6886, 0.3874,
0.5274


 170.6010, 0.3600,
0.4291

 12.8966, 0.3897,
0.5555

 210.2538, 0.3573,
0.4222

 7.3574, 0.3950,
0.6019

255.6190, 0.3548,
0.4162

 3.6866, 0.3717,
0.6283

307.0810, 0.3526,

 1.4998, 0.3281,

0.4109

0.6719

365.0241, 0.3506,
0.4062

■ 0.2886, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4256, 0.3743,
0.4700

■ 61.4256, 0.3743,
0.4700

■ 60.5666, 0.3814,
0.4909

■ 62.4134, 0.3652,
0.4462

■ 59.8188, 0.3860,
0.5079


■ 63.5299, 0.3547,
0.4206

■ 59.1742, 0.3881,
0.5204

■ 64.7853, 0.3431,
0.3942

■ 58.6195, 0.3876,
0.5283

■ 66.1867, 0.3312,
0.3679

 58.3909, 0.3870,
0.5310

 67.7403, 0.3192,
0.3425

 69.4521, 0.3076,
0.3185

 71.3278, 0.2964,
0.2961

 72.4501, 0.2943,
0.2886

 73.0963, 0.2970,
0.2889

Harmonies

Analogous

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



61.4256, 0.4354, 0.4370



61.4256, 0.3743, 0.4700



61.4256, 0.3006, 0.4563

Triad

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



61.4256, 0.3743, 0.4700



61.4256, 0.1798, 0.2467



61.4256, 0.3890, 0.2747

Complementary

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



61.4256, 0.3743, 0.4700



17.1801, 0.2222, 0.1587

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.



61.4256, 0.3096, 0.2350



61.4256, 0.3743, 0.4700



61.4256, 0.1963, 0.2167

Square

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



61.4256, 0.3743, 0.4700



61.4256, 0.1919, 0.3077



61.4256, 0.2405, 0.2141



61.4256, 0.4493, 0.3268

Rectangle

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



61.4256, 0.3743, 0.4700



61.4256, 0.2542, 0.4163



61.4256, 0.2405, 0.2141



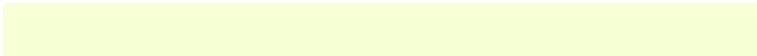
61.4256, 0.3630, 0.2597

Sweetspot

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



61.4284, 0.3743, 0.4700



96.0399, 0.3331, 0.3721



27.9392, 0.4634, 0.3530



20.4657, 0.3356, 0.3774



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.



61.4284, 0.3743, 0.4700



87.9597, 0.3825, 0.4948



55.1930, 0.3294, 0.4937



14.3996, 0.3238, 0.3522



34.6045, 0.3875, 0.5306



2.1178, 0.3933, 0.5259

Inverse Universe

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



17.1801, 0.2222, 0.1587



17.2603, 0.1996, 0.1215



22.5588, 0.2769, 0.1811



12.1171, 0.3010, 0.3051



3.2308, 0.1588, 0.0649



0.2283, 0.1745, 0.0735

Previews

White Background



This preview shows how the Yxy color 61.4256, 0.3743, 0.4700 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 61.4256, 0.3743, 0.4700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

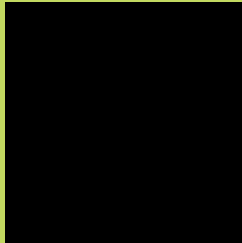
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4256, 0.3743, 0.4700

Background



This preview shows how black text looks on a background with the Yxy color 61.4256, 0.3743, 0.4700.



This preview shows how white text looks on a background with the Yxy color 61.4256, 0.3743, 0.4700.

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

61.4256, 0.3743, 0.4700

Protanopia

61.4269, 0.4099, 0.4493

Deuteranopia

60.8722, 0.4325, 0.4218



Tritanopia

61.2362, 0.3053, 0.3108

Trichromacy



Original Color

61.4256, 0.3743, 0.4700

Protanomaly

61.5003, 0.3968, 0.4571

Deuteranomaly

60.7878, 0.4110, 0.4389

Tritanomaly

60.8643, 0.3331, 0.3698

Monochromacy



Original Color

61.4256, 0.3743, 0.4700

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.8520, 0.3378, 0.3825

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4256, 0.3743, 0.4700 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(194, 216, 96)` looks like.

```
.text, #text, p{  
    color:rgb(194, 216, 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(194, 216, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 216, 96) }
```

Border

The CSS property to change the border of an element to Yxy 61.4256, 0.3743, 0.4700 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(194, 216, 96) }
```

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

```
.border{ border-color:rgb(194, 216, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 216, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 216, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 216, 96);  
box-shadow:4px 4px 4px 4px rgb(194, 216,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4256, 0.3743, 0.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 216, 96) }
```

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

```
.background{ background-color: rgb(194,  
216, 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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