

Converting Colors

$Yxy(60.2917, 0.3629, 0.4447)$

Have a look what the booklet for
Yxy(60.2917, 0.3629, 0.4447)
contains.

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Color

Yxy(60.3658, 0.3629, 0.4443)

Conversions

Conversions Part 1

Format	Color
Hex	C2D576
RGB	194, 213, 118
RGB Percent	76%, 84%, 46%
CMY	0.2394, 0.1647, 0.5372
CMYK	0.09, 0.00, 0.45, 0.16
HSL	72°, 53%, 65%
HSV	72°, 45%, 84%
XYZ	49.3062, 60.3658, 26.1952
YIQ	196.4890, 19.1710, -33.5730

Conversions

Conversions Part 2

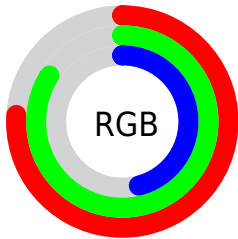
Format	Color
RYB	118, 213, 137
Decimal	12768630
CIELab	82.04, -20.82, 44.64
CIElCh	82, 49.256, 115.005
Yxy	60.3658, 0.3629, 0.4443
Android (android.graphics.Color)	4290958710 (0xFFC2D576)
YUV	196.4890, -38.6951, -2.1829
Hunter-Lab	77.6954, -22.6893, 34.3970

Details

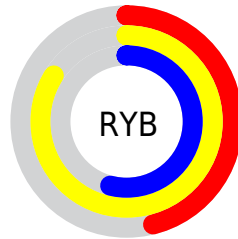
The Yxy color **60.3658, 0.3629, 0.4443** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.0877, 0.2446, 0.1960**, and the grayscale version is **55.7382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1940, 0.3600, 0.4111**, and **30.3479, 0.3724, 0.4731** is the 20% darker color. If you saturate the color by 10%, you get **59.3610, 0.3718, 0.4686**, and if you desaturate by 10%, it is **61.5066, 0.3525, 0.4183**.

Distribution



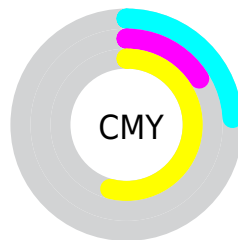
- Red (76%)
- Green (84%)
- Blue (46%)



- Red (46%)
- Yellow (84%)
- Blue (54%)



- Cyan (9%)
- Magenta (0%)
- Yellow (45%)
- Black (16%)





- Cyan (24%)
- Magenta (16%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3658, 0.3629, 0.4443 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 60.3658, 0.3629, 0.4443 by changing the saturation by 10% instead.


 60.3658, 0.3629,
0.4443


 60.3658, 0.3629,
0.4443


425.9448, 0.3411,
0.3880

 43.7135, 0.3672,
0.4576


 105.3601, 0.3558,
0.4244

 30.4454, 0.3720,
0.4740


 134.4710, 0.3529,
0.4167

 20.1769, 0.3771,
0.4948

 168.5035, 0.3503,
0.4102

 12.5237, 0.3820,
0.5215

207.8421, 0.3481,
0.4045

 7.1014, 0.3851,
0.5568

252.8711, 0.3460,
0.3996

 3.5256, 0.3874,
0.6126

303.9750, 0.3442,

 1.4119, 0.3494,

0.3953

0.6506

361.5381, 0.3426,
0.3914

■ 0.2255, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3658, 0.3629,
0.4443

■ 60.3658, 0.3629,
0.4443

■ 59.3610, 0.3718,
0.4686

■ 61.5066, 0.3525,
0.4183

■ 58.4761, 0.3788,
0.4901


■ 62.7825, 0.3413,
0.3918


■ 57.7050, 0.3834,
0.5079

■ 64.2029, 0.3296,
0.3655

■ 57.0374, 0.3854,
0.5213


■ 65.7738, 0.3180,
0.3402


 56.4607, 0.3849,
0.5300


 67.5011, 0.3066,
0.3163

 56.1754, 0.3840,
0.5333

 69.3902, 0.2958,
0.2941

 70.6408, 0.2930,
0.2853

 71.3313, 0.2959,
0.2857

 72.0390, 0.2988,
0.2860

Harmonies

Analogous

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



60.3658, 0.4136, 0.4221



60.3658, 0.3629, 0.4443



60.3658, 0.3016, 0.4287

Triad

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



60.3658, 0.3629, 0.4443



60.3658, 0.2010, 0.2603



60.3658, 0.3781, 0.2861

Complementary

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



60.3658, 0.3629, 0.4443



23.0877, 0.2446, 0.1960

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.



60.3658, 0.3139, 0.2512



60.3658, 0.3629, 0.4443



60.3658, 0.2163, 0.2347

Square

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



60.3658, 0.3629, 0.4443



60.3658, 0.2110, 0.3103



60.3658, 0.2555, 0.2327



60.3658, 0.4256, 0.3313

Rectangle

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



60.3658, 0.3629, 0.4443



60.3658, 0.2631, 0.3961



60.3658, 0.2555, 0.2327



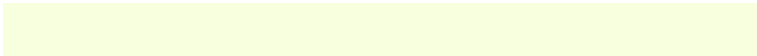
60.3658, 0.3573, 0.2730

Sweetspot

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



60.3685, 0.3629, 0.4443



96.8070, 0.3279, 0.3617



33.3511, 0.4197, 0.3529



20.6131, 0.3305, 0.3675



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.



60.3685, 0.3629, 0.4443



89.2059, 0.3718, 0.4685



55.0618, 0.3257, 0.4597



14.3884, 0.3236, 0.3522



34.3533, 0.3845, 0.5329



2.1047, 0.3908, 0.5279

Inverse Universe

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



23.0877, 0.2446, 0.1960



26.0241, 0.2259, 0.1628



28.0181, 0.2891, 0.2111



12.1274, 0.3012, 0.3051



3.2790, 0.1603, 0.0656



0.2331, 0.1767, 0.0747

Previews

White Background



This preview shows how the Yxy color 60.3658, 0.3629, 0.4443 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 60.3658, 0.3629, 0.4443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

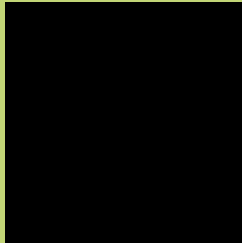
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3658, 0.3629, 0.4443

Background



This preview shows how black text looks on a background with the Yxy color 60.3658, 0.3629, 0.4443.



This preview shows how white text looks on a background with the Yxy color 60.3658, 0.3629, 0.4443.

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

60.3658, 0.3629, 0.4443

Protanopia

60.2708, 0.3941, 0.4286

Deuteranopia

59.7629, 0.4142, 0.4048



Tritanopia

60.3726, 0.3052, 0.3118

Trichromacy



Original Color

60.3658, 0.3629, 0.4443

Protanomaly

60.0327, 0.3827, 0.4342

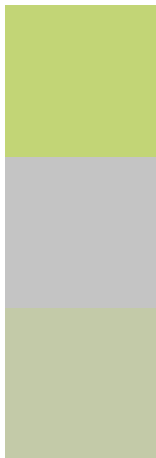
Deuteranomaly

59.6477, 0.3950, 0.4182

Tritanomaly

60.0354, 0.3275, 0.3590

Monochromacy



Original Color

60.3658, 0.3629, 0.4443

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.6703, 0.3320, 0.3712

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3658, 0.3629, 0.4443 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, 213, 118)` looks like.

```
.text, #text, p{  
    color:rgb(194, 213, 118)  
}
```

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, 213, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 213, 118) }
```

Border

The CSS property to change the border of an element to Yxy 60.3658, 0.3629, 0.4443 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, 213, 118) }
```

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

```
.border{ border-color:rgb(194, 213, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 213, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 213, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 213, 118);  
box-shadow:4px 4px 4px 4px rgb(194, 213,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3658, 0.3629, 0.4443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 213, 118) }
```

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

```
.background{ background-color: rgb(194,  
213, 118) }
```

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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