

Converting Colors

$Y_{xy}(60.7530, 0.3445, 0.4420)$

Have a look what the booklet for
Yxy(60.7530, 0.3445, 0.4420)
contains.

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Color

Yxy(60.8613, 0.3448, 0.4421)

Conversions

Conversions Part 1

Format	Color
Hex	B4D97F
RGB	180, 217, 127
RGB Percent	71%, 85%, 50%
CMY	0.2941, 0.1490, 0.5018
CMYK	0.17, 0.00, 0.41, 0.15
HSL	85°, 54%, 67%
HSV	85°, 41%, 85%
XYZ	47.4666, 60.8613, 29.3362
YIQ	195.6770, 6.8380, -35.8340

Conversions

Conversions Part 2

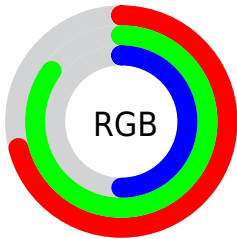
Format	Color
RYB	127, 217, 164
Decimal	11852159
CIELab	82.30, -27.03, 40.31
CIELCh	82, 48.539, 123.844
Yxy	60.8613, 0.3448, 0.4421
Android (android.graphics.Color)	4290042239 (0xFFB4D97F)
YUV	195.6770, -33.8578, -13.7487
Hunter-Lab	78.0137, -27.9175, 32.3142

Details

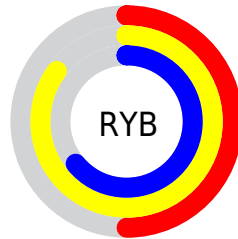
The Yxy color **60.8613, 0.3448, 0.4421** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **28.0962, 0.2670, 0.2117**, and the grayscale version is **55.2042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8607, 0.3445, 0.4049**, and **30.7981, 0.3501, 0.4723** is the 20% darker color. If you saturate the color by 10%, you get **59.3204, 0.3505, 0.4705**, and if you desaturate by 10%, it is **62.5984, 0.3379, 0.4132**.

Distribution



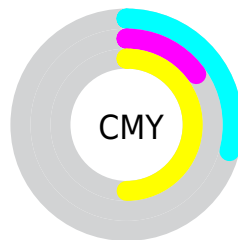
- Red (71%)
- Green (85%)
- Blue (50%)



- Red (50%)
- Yellow (85%)
- Blue (64%)



- Cyan (17%)
- Magenta (0%)
- Yellow (41%)
- Black (15%)





- Cyan (29%)
- Magenta (15%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8613, 0.3448, 0.4421 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 60.8613, 0.3448, 0.4421 by changing the saturation by 10% instead.


 60.8613, 0.3448,
0.4421


 60.8613, 0.3448,
0.4421


427.7653, 0.3315,
0.3861


 44.1132, 0.3472,
0.4556

 106.0781, 0.3406,
0.4220

 30.7595, 0.3497,
0.4727


 135.3156, 0.3389,
0.4144

 20.4158, 0.3522,
0.4946


 169.4851, 0.3373,
0.4079

 12.6977, 0.3538,
0.5237

208.9708, 0.3359,
0.4023

 7.2207, 0.3527,
0.5631

254.1574, 0.3346,
0.3975

 3.6005, 0.3573,
0.6427

305.4290, 0.3335,

 1.4527, 0.3041,

0.3932

0.6959

363.1702, 0.3324,
0.3894

0.2551, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.8613, 0.3448,
0.4421

60.8613, 0.3448,
0.4421

59.3204, 0.3505,
0.4705

62.5984, 0.3379,
0.4132

57.9585, 0.3544,
0.4970


64.5322, 0.3302,
0.3849

56.7682, 0.3562,
0.5204


66.6732, 0.3221,
0.3578


55.7379, 0.3556,
0.5394


69.0287, 0.3139,
0.3325

 54.8542, 0.3527,
0.5531


 71.6058, 0.3059,
0.3093

 54.1966, 0.3488,
0.5613

 74.2658, 0.2996,
0.2903

 75.8114, 0.3057,
0.2910

 77.4341, 0.3119,
0.2917

 78.1082, 0.3145,
0.2920

Harmonies

Analogous

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



60.8613, 0.3994, 0.4300



60.8613, 0.3448, 0.4421



60.8613, 0.2845, 0.4145

Triad

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



60.8613, 0.3448, 0.4421



60.8613, 0.2046, 0.2515



60.8613, 0.3934, 0.2992

Complementary

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



60.8613, 0.3448, 0.4421



28.0962, 0.2670, 0.2117

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.



60.8613, 0.3328, 0.2611



60.8613, 0.3448, 0.4421



60.8613, 0.2269, 0.2333

Square

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



60.8613, 0.3448, 0.4421



60.8613, 0.2070, 0.2940



60.8613, 0.2718, 0.2376



60.8613, 0.4312, 0.3454

Rectangle

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



60.8613, 0.3448, 0.4421



60.8613, 0.2493, 0.3770



60.8613, 0.2718, 0.2376



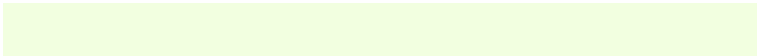
60.8613, 0.3747, 0.2852

Sweetspot

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



60.8640, 0.3448, 0.4421



95.8737, 0.3226, 0.3595



42.4888, 0.3998, 0.3729



20.4307, 0.3237, 0.3630



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.



60.8640, 0.3448, 0.4421



85.6985, 0.3500, 0.4677



56.3986, 0.3126, 0.4543



14.9830, 0.3204, 0.3525



32.8693, 0.3497, 0.5605



2.1794, 0.3608, 0.5517

Inverse Universe

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



28.0962, 0.2670, 0.2117



32.2258, 0.2541, 0.1839



33.6095, 0.3087, 0.2249



12.8775, 0.3045, 0.3053



4.3849, 0.1868, 0.0803



0.3337, 0.2053, 0.0904

Previews

White Background



This preview shows how the Yxy color 60.8613, 0.3448, 0.4421 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 60.8613, 0.3448, 0.4421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

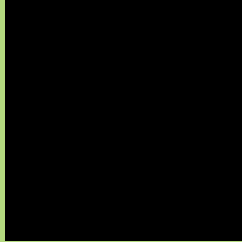
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8613, 0.3448, 0.4421

Background



This preview shows how black text looks on a background with the Yxy color 60.8613, 0.3448, 0.4421.



This preview shows how white text looks on a background with the Yxy color 60.8613, 0.3448, 0.4421.

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

60.8613, 0.3448, 0.4421

Protanopia

60.2788, 0.3885, 0.4217

Deuteranopia

60.2890, 0.4053, 0.3961



Tritanopia

60.7540, 0.2924, 0.3103

Trichromacy



Original Color

60.8613, 0.3448, 0.4421

Protanomaly

60.3216, 0.3714, 0.4295

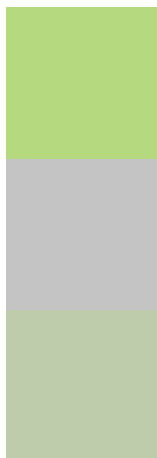
Deuteranomaly

59.8532, 0.3825, 0.4125

Tritanomaly

60.3724, 0.3121, 0.3572

Monochromacy



Original Color

60.8613, 0.3448, 0.4421

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

57.0732, 0.3255, 0.3702

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8613, 0.3448, 0.4421 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(180, 217, 127)` looks like.

```
.text, #text, p{  
    color:rgb(180, 217, 127)  
}
```

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(180, 217, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 217, 127) }
```

Border

The CSS property to change the border of an element to Yxy 60.8613, 0.3448, 0.4421 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(180, 217, 127) }
```

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

```
.border{ border-color:rgb(180, 217, 127) }
```

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

Here you see how a box with a 4 pixel rgb(180, 217, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 217, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 217, 127);  
box-shadow:4px 4px 4px 4px rgb(180, 217,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8613, 0.3448, 0.4421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 217, 127) }
```

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

```
.background{ background-color: rgb(180,  
217, 127) }
```

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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