

Converting Colors

$Yxy(60.7888, 0.3592, 0.4576)$

Have a look what the booklet for
Yxy(60.7888, 0.3592, 0.4576)
contains.

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Color

Yxy(60.6985, 0.3595, 0.4577)

Conversions

Conversions Part 1

Format	Color
Hex	BAD86F
RGB	186, 216, 111
RGB Percent	73%, 85%, 44%
CMY	0.2706, 0.1529, 0.5647
CMYK	0.14, 0.00, 0.49, 0.15
HSL	77°, 57%, 64%
HSV	77°, 49%, 85%
XYZ	47.6756, 60.6985, 24.2423
YIQ	195.0600, 15.8250, -39.0150

Conversions

Conversions Part 2

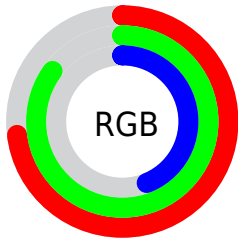
Format	Color
RYB	111, 216, 141
Decimal	12245103
CIELab	82.22, -26.07, 48.12
CIELCh	82, 54.730, 118.450
Yxy	60.6985, 0.3595, 0.4577
Android (android.graphics.Color)	4290435183 (0xFFBAD86F)
YUV	195.0600, -41.4416, -7.9456
Hunter-Lab	77.9092, -27.1104, 36.0878

Details

The Yxy color **60.6985, 0.3595, 0.4577** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **21.9907, 0.2448, 0.1852**, and the grayscale version is **54.8574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4697, 0.3585, 0.4196**, and **30.6308, 0.3671, 0.4911** is the 20% darker color. If you saturate the color by 10%, you get **59.5251, 0.3662, 0.4826**, and if you desaturate by 10%, it is **62.0257, 0.3512, 0.4310**.

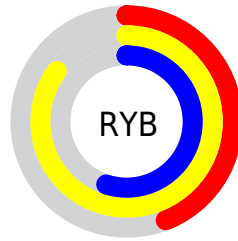
Distribution



Red (73%)

Green (85%)

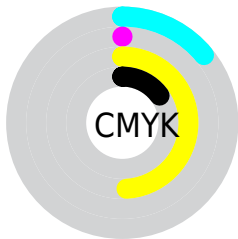
Blue (44%)



Red (44%)

Yellow (85%)

Blue (55%)

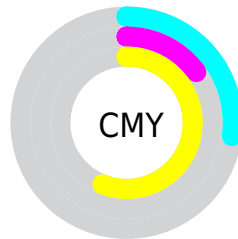


Cyan (14%)

Magenta (0%)

Yellow (49%)

Black (15%)



Cyan (27%)


Magenta (15%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6985, 0.3595, 0.4577 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 60.6985, 0.3595, 0.4577 by changing the saturation by 10% instead.

 60.6985, 0.3595,
0.4577

 60.6985, 0.3595,
0.4577


 427.1677, 0.3400,
0.3946


 43.9819, 0.3630,
0.4726


 105.8423, 0.3534,
0.4353

 30.6563, 0.3666,
0.4911


 135.0382, 0.3508,
0.4267


 20.3373, 0.3701,
0.5144


 169.1627, 0.3485,
0.4194

 12.6404, 0.3722,
0.5442

 208.6002, 0.3465,
0.4130

 7.1814, 0.3722,
0.5855

 253.7350, 0.3446,
0.4075

 3.5758, 0.3618,
0.6382

 304.9516, 0.3429,

 1.4392, 0.3108,

0.4027

0.6892

362.6344, 0.3414,
0.3984

0.2454, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.6985, 0.3595,
0.4577

60.6985, 0.3595,
0.4577

59.5251, 0.3662,
0.4826

62.0257, 0.3512,
0.4310

58.4886, 0.3707,
0.5045


63.5067, 0.3418,
0.4035


57.5816, 0.3728,
0.5224


65.1514, 0.3317,
0.3764

56.7925, 0.3723,
0.5355


66.9668, 0.3215,
0.3503


 56.1035, 0.3696,
0.5440


 68.9591, 0.3113,
0.3257

 56.0123, 0.3692,
0.5451

 71.1344, 0.3015,
0.3029

 73.0255, 0.2967,
0.2889

 74.0601, 0.3009,
0.2894

 75.1311, 0.3051,
0.2899

Harmonies

Analogous

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



60.6985, 0.4179, 0.4351



60.6985, 0.3595, 0.4577



60.6985, 0.2919, 0.4359

Triad

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



60.6985, 0.3595, 0.4577



60.6985, 0.1912, 0.2482



60.6985, 0.3926, 0.2868

Complementary

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



60.6985, 0.3595, 0.4577



21.9907, 0.2448, 0.1852

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.



60.6985, 0.3219, 0.2475



60.6985, 0.3595, 0.4577



60.6985, 0.2108, 0.2241

Square

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



60.6985, 0.3595, 0.4577



60.6985, 0.1984, 0.2999



60.6985, 0.2559, 0.2251



60.6985, 0.4417, 0.3365

Rectangle

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



60.6985, 0.3595, 0.4577



60.6985, 0.2508, 0.3962



60.6985, 0.2559, 0.2251



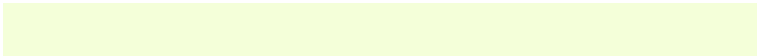
60.6985, 0.3700, 0.2722

Sweetspot

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



60.7012, 0.3595, 0.4577



95.7627, 0.3282, 0.3672



34.7245, 0.4282, 0.3655



20.3797, 0.3303, 0.3728



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.



60.7012, 0.3595, 0.4577



86.6914, 0.3661, 0.4825



55.3097, 0.3201, 0.4756



14.3334, 0.3223, 0.3523



33.2094, 0.3700, 0.5445



2.0441, 0.3788, 0.5374

Inverse Universe

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



21.9907, 0.2448, 0.1852



24.1794, 0.2274, 0.1537



27.6985, 0.2950, 0.2036



12.1788, 0.3025, 0.3052



3.5829, 0.1689, 0.0704



0.2580, 0.1877, 0.0807

Previews

White Background



This preview shows how the Yxy color 60.6985, 0.3595, 0.4577 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 60.6985, 0.3595, 0.4577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

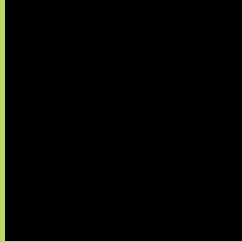
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6985, 0.3595, 0.4577

Background



This preview shows how black text looks on a background with the Yxy color 60.6985, 0.3595, 0.4577.



This preview shows how white text looks on a background with the Yxy color 60.6985, 0.3595, 0.4577.

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

60.6985, 0.3595, 0.4577

Protanopia

60.2548, 0.4002, 0.4361

Deuteranopia

60.4309, 0.4197, 0.4108



Tritanopia

60.6324, 0.2987, 0.3105

Trichromacy



Original Color

60.6985, 0.3595, 0.4577

Protanomaly

60.0433, 0.3856, 0.4441

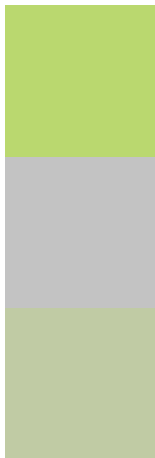
Deuteranomaly

60.0955, 0.3970, 0.4279

Tritanomaly

60.0091, 0.3225, 0.3631

Monochromacy



Original Color

60.6985, 0.3595, 0.4577

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.5987, 0.3324, 0.3778

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6985, 0.3595, 0.4577 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(186, 216, 111)` looks like.

```
.text, #text, p{  
    color:rgb(186, 216, 111)  
}
```

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(186, 216, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 216, 111) }
```

Border

The CSS property to change the border of an element to Yxy 60.6985, 0.3595, 0.4577 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(186, 216, 111) }
```

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

```
.border{ border-color:rgb(186, 216, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 216, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 216, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 216, 111);  
box-shadow:4px 4px 4px 4px rgb(186, 216,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6985, 0.3595, 0.4577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 216, 111) }
```

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

```
.background{ background-color: rgb(186,  
216, 111) }
```

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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