

Converting Colors

$Yxy(48.6754, 0.3586, 0.4215)$

Have a look what the booklet for
Yxy(48.6754, 0.3586, 0.4215)
contains.

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Color

Yxy(48.5872, 0.3590, 0.4216)

Conversions

Conversions Part 1

Format	Color
Hex	B6BF79
RGB	182, 191, 121
RGB Percent	71%, 75%, 47%
CMY	0.2863, 0.2510, 0.5255
CMYK	0.05, 0.00, 0.37, 0.25
HSL	68°, 35%, 61%
HSV	68°, 37%, 75%
XYZ	41.3729, 48.5872, 25.2847
YIQ	180.3290, 17.1060, -23.6780

Conversions

Conversions Part 2

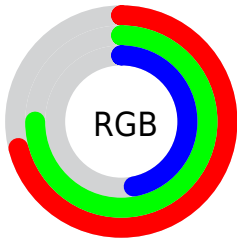
Format	Color
RYB	121, 191, 130
Decimal	11976569
CIELab	75.19, -14.14, 34.30
CIELCh	75, 37.101, 112.409
Yxy	48.5872, 0.3590, 0.4216
Android (android.graphics.Color)	4290166649 (0xFFB6BF79)
YUV	180.3290, -29.2492, 1.4655
Hunter-Lab	69.7045, -16.0349, 27.2862

Details

The Yxy color **48.5872, 0.3590, 0.4216** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **22.1815, 0.2548, 0.2221**, and the grayscale version is **45.9820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9282, 0.3519, 0.4044**, and **23.2211, 0.3694, 0.4484** is the 20% darker color. If you saturate the color by 10%, you get **47.8697, 0.3704, 0.4461**, and if you desaturate by 10%, it is **49.4071, 0.3467, 0.3960**.

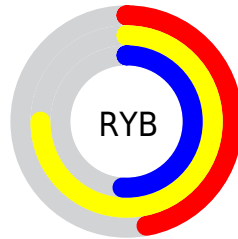
Distribution



Red (71%)

Green (75%)

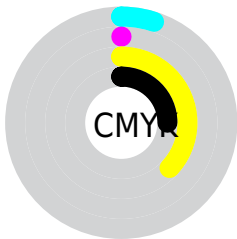
Blue (47%)



Red (47%)

Yellow (75%)

Blue (51%)

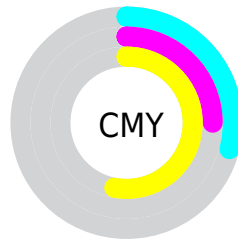


Cyan (5%)

Magenta (0%)

Yellow (37%)

Black (25%)



Cyan (29%)


Magenta (25%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5872, 0.3590, 0.4216 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 48.5872, 0.3590, 0.4216 by changing the saturation by 10% instead.


 48.5872, 0.3590,
0.4216


 48.5872, 0.3590,
0.4216


381.1149, 0.3373,
0.3748


 34.2921, 0.3638,
0.4332


 88.0780, 0.3515,
0.4046

 23.1181, 0.3696,
0.4480


 114.0426, 0.3486,
0.3982

 14.6807, 0.3764,
0.4672


 144.6658, 0.3460,
0.3928

 8.5956, 0.3842,
0.4931

180.3320, 0.3438,
0.3882

 4.4784, 0.3934,
0.5309

221.4256, 0.3419,
0.3842

 1.9446, 0.4051,
0.5949

268.3311, 0.3402,

 0.5750, 0.2592,

0.3807

0.7408

321.4327, 0.3386,
0.3776

0.0000, 0.0000,
0.0000

48.5872, 0.3590,
0.4216

48.5872, 0.3590,
0.4216

47.8697, 0.3704,
0.4461

49.4071, 0.3467,
0.3960

47.2424, 0.3802,
0.4686

50.3280, 0.3339,
0.3703

46.7016, 0.3881,
0.4880


51.3567, 0.3211,
0.3451


46.2403, 0.3936,
0.5034


52.4976, 0.3086,
0.3211

45.8504, 0.3964,
0.5145

53.7549, 0.2967,
0.2986

 45.5214, 0.3969,
0.5213

 55.1325, 0.2855,
0.2777

 45.4179, 0.3968,
0.5231

 56.6342, 0.2751,
0.2586

 56.9928, 0.2766,
0.2587

 57.3376, 0.2783,
0.2590

Harmonies

Analogous

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



48.5872, 0.3984, 0.4039



48.5872, 0.3590, 0.4216



48.5872, 0.3090, 0.4105

Triad

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



48.5872, 0.3590, 0.4216



48.5872, 0.2200, 0.2765



48.5872, 0.3617, 0.2910

Complementary

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



48.5872, 0.3590, 0.4216



22.1815, 0.2548, 0.2221

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.



48.5872, 0.3097, 0.2625



48.5872, 0.3590, 0.4216



48.5872, 0.2311, 0.2525

Square

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



48.5872, 0.3590, 0.4216



48.5872, 0.2307, 0.3192



48.5872, 0.2626, 0.2484



48.5872, 0.4016, 0.3287

Rectangle

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



48.5872, 0.3590, 0.4216



48.5872, 0.2767, 0.3863



48.5872, 0.2626, 0.2484



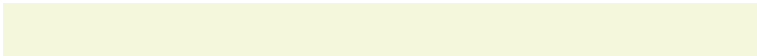
48.5872, 0.3448, 0.2801

Sweetspot

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



48.5894, 0.3590, 0.4216



91.1168, 0.3268, 0.3564



28.2010, 0.3962, 0.3405



19.9530, 0.3286, 0.3598



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.5894, 0.3590, 0.4216



85.9681, 0.3683, 0.4415



44.9247, 0.3290, 0.4314



11.0566, 0.3245, 0.3518



29.8707, 0.3971, 0.5229



1.1877, 0.4028, 0.5184

Inverse Universe

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



22.1815, 0.2548, 0.2221



31.7878, 0.2393, 0.1948



25.3459, 0.2886, 0.2316



9.2826, 0.3003, 0.3054



2.6244, 0.1554, 0.0630



0.1222, 0.1723, 0.0723

Previews

White Background



This preview shows how the Yxy color 48.5872, 0.3590, 0.4216 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 48.5872, 0.3590, 0.4216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

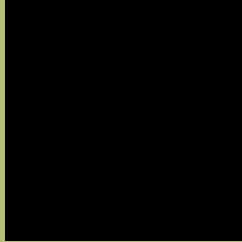
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5872, 0.3590, 0.4216

Background



This preview shows how black text looks on a background with the Yxy color 48.5872, 0.3590, 0.4216.



This preview shows how white text looks on a background with the Yxy color 48.5872, 0.3590, 0.4216.

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

48.5872, 0.3590, 0.4216

Protanopia

48.4473, 0.3805, 0.4118

Deuteranopia

48.4291, 0.4000, 0.3914



Tritanopia

48.5178, 0.3093, 0.3115

Trichromacy



Original Color

48.5872, 0.3590, 0.4216

Protanomaly

48.3660, 0.3723, 0.4148

Deuteranomaly

48.1514, 0.3843, 0.4020

Tritanomaly

48.2539, 0.3280, 0.3497

Monochromacy



Original Color

48.5872, 0.3590, 0.4216

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.6079, 0.3301, 0.3624

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5872, 0.3590, 0.4216 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(182, 191, 121)` looks like.

```
.text, #text, p{  
    color:rgb(182, 191, 121)  
}
```

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(182, 191, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 191, 121) }
```

Border

The CSS property to change the border of an element to Yxy 48.5872, 0.3590, 0.4216 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(182, 191, 121) }
```

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

```
.border{ border-color:rgb(182, 191, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 191, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 191, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 191, 121);  
box-shadow:4px 4px 4px 4px rgb(182, 191,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5872, 0.3590, 0.4216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 191, 121) }
```

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

```
.background{ background-color: rgb(182,  
191, 121) }
```

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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