

Converting Colors

$Yxy(48.5338, 0.3713, 0.4395)$

Have a look what the booklet for
Yxy(48.5338, 0.3713, 0.4395)
contains.

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Color

Yxy(48.4926, 0.3716, 0.4395)

Conversions

Conversions Part 1

Format	Color
Hex	B8BF6A
RGB	184, 191, 106
RGB Percent	72%, 75%, 42%
CMY	0.2784, 0.2510, 0.5842
CMYK	0.04, 0.00, 0.44, 0.25
HSL	65°, 40%, 58%
HSV	65°, 44%, 75%
XYZ	41.0008, 48.4926, 20.8424
YIQ	179.2170, 23.1130, -27.9190

Conversions

Conversions Part 2

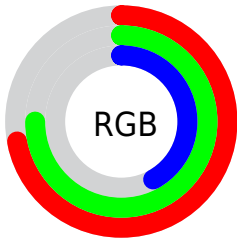
Format	Color
RYB	106, 191, 113
Decimal	12107626
CIELab	75.13, -15.03, 41.86
CIELCh	75, 44.480, 109.746
Yxy	48.4926, 0.3716, 0.4395
Android (android.graphics.Color)	4290297706 (0xFFB8BF6A)
YUV	179.2170, -36.0960, 4.1947
Hunter-Lab	69.6366, -16.7665, 31.0000

Details

The Yxy color **48.4926, 0.3716, 0.4395** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.5891, 0.2361, 0.1943**, and the grayscale version is **45.3906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7255, 0.3622, 0.4192**, and **23.1296, 0.3833, 0.4701** is the 20% darker color. If you saturate the color by 10%, you get **47.9472, 0.3827, 0.4617**, and if you desaturate by 10%, it is **49.1331, 0.3591, 0.4153**.

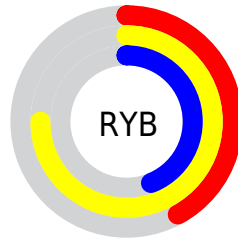
Distribution



Red (72%)

Green (75%)

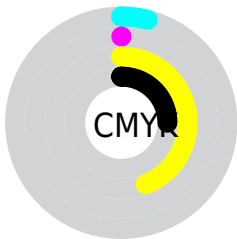
Blue (42%)



Red (42%)

Yellow (75%)

Blue (44%)

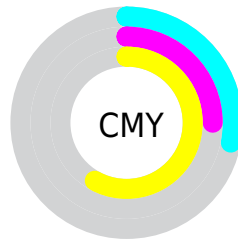


Cyan (4%)

Magenta (0%)

Yellow (44%)

Black (25%)



Cyan (28%)


Magenta (25%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4926, 0.3716, 0.4395 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 48.4926, 0.3716, 0.4395 by changing the saturation by 10% instead.


 48.4926, 0.3716,
0.4395

 48.4926, 0.3716,
0.4395


380.7414, 0.3444,
0.3841


 34.2172, 0.3774,
0.4529


 87.9374, 0.3624,
0.4195


 23.0605, 0.3840,
0.4698

 113.8755, 0.3587,
0.4120

 14.6382, 0.3915,
0.4913


 144.4700, 0.3555,
0.4056

 8.5658, 0.3991,
0.5190

 180.1052, 0.3527,
0.4000

 4.4591, 0.4160,
0.5709

221.1655, 0.3503,
0.3953

 1.9335, 0.3996,
0.6004

268.0354, 0.3481,

 0.5684, 0.2338,

0.3911

0.7662

321.0992, 0.3461,
0.3874

0.0000, 0.0000,
0.0000

48.4926, 0.3716,
0.4395

48.4926, 0.3716,
0.4395

47.9472, 0.3827,
0.4617

49.1331, 0.3591,
0.4153

47.4843, 0.3918,
0.4809

49.8674, 0.3458,
0.3900

47.0995, 0.3987,
0.4963


50.7028, 0.3322,
0.3646

46.7850, 0.4029,
0.5074

51.6439, 0.3187,
0.3398

46.5315, 0.4046,
0.5141


52.6950, 0.3056,
0.3161

 46.4075, 0.4049,
0.5167

 53.8601, 0.2932,
0.2938

 55.1433, 0.2815,
0.2732

 56.2987, 0.2731,
0.2580

 56.5117, 0.2742,
0.2582

Harmonies

Analogous

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



48.4926, 0.4173, 0.4136



48.4926, 0.3716, 0.4395



48.4926, 0.3126, 0.4313

Triad

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



48.4926, 0.3716, 0.4395



48.4926, 0.2037, 0.2692



48.4926, 0.3658, 0.2804

Complementary

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



48.4926, 0.3716, 0.4395



17.5891, 0.2361, 0.1943

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.



48.4926, 0.3031, 0.2487



48.4926, 0.3716, 0.4395



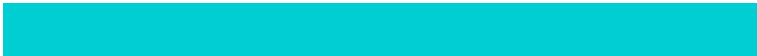
48.4926, 0.2144, 0.2398

Square

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



48.4926, 0.3716, 0.4395



48.4926, 0.2180, 0.3216



48.4926, 0.2488, 0.2339



48.4926, 0.4164, 0.3233

Rectangle

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



48.4926, 0.3716, 0.4395



48.4926, 0.2739, 0.4036



48.4926, 0.2488, 0.2339



48.4926, 0.3451, 0.2682

Sweetspot

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



48.4948, 0.3716, 0.4395



91.0106, 0.3304, 0.3614



23.6393, 0.4257, 0.3371



19.9069, 0.3335, 0.3670



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.



48.4948, 0.3716, 0.4395



85.9291, 0.3820, 0.4603



44.1309, 0.3350, 0.4544



11.0795, 0.3252, 0.3518



30.5140, 0.4051, 0.5165



1.2072, 0.4087, 0.5137

Inverse Universe

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



17.5891, 0.2361, 0.1943



23.8031, 0.2170, 0.1621



20.9640, 0.2771, 0.2081



9.2619, 0.2996, 0.3054



2.5579, 0.1531, 0.0617



0.1131, 0.1645, 0.0680

Previews

White Background



This preview shows how the Yxy color 48.4926, 0.3716, 0.4395 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 48.4926, 0.3716, 0.4395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

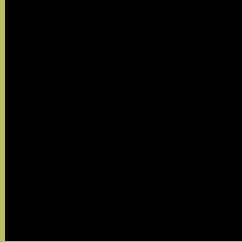
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4926, 0.3716, 0.4395

Background



This preview shows how black text looks on a background with the Yxy color 48.4926, 0.3716, 0.4395.



This preview shows how white text looks on a background with the Yxy color 48.4926, 0.3716, 0.4395.

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

48.4926, 0.3716, 0.4395

Protanopia

48.3939, 0.3937, 0.4284

Deuteranopia

48.0021, 0.4149, 0.4062



Tritanopia

48.4572, 0.3127, 0.3116

Trichromacy



Original Color

48.4926, 0.3716, 0.4395

Protanomaly

48.2963, 0.3854, 0.4320

Deuteranomaly

47.6858, 0.3986, 0.4176

Tritanomaly

48.2894, 0.3346, 0.3575

Monochromacy



Original Color

48.4926, 0.3716, 0.4395

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.9577, 0.3360, 0.3706

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4926, 0.3716, 0.4395 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(184, 191, 106)` looks like.

```
.text, #text, p{  
    color:rgb(184, 191, 106)  
}
```

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(184, 191, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 191, 106) }
```

Border

The CSS property to change the border of an element to Yxy 48.4926, 0.3716, 0.4395 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(184, 191, 106) }
```

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

```
.border{ border-color:rgb(184, 191, 106) }
```

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

Here you see how a box with a 4 pixel rgb(184, 191, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 191, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 191, 106);  
box-shadow:4px 4px 4px 4px rgb(184, 191,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4926, 0.3716, 0.4395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 191, 106) }
```

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

```
.background{ background-color: rgb(184,  
191, 106) }
```

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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