

Converting Colors

$Yxy(48.6954, 0.3650, 0.4289)$

Have a look what the booklet for
Yxy(48.6954, 0.3650, 0.4289)
contains.

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Color

Yxy(48.6898, 0.3652, 0.4286)

Conversions

Conversions Part 1

Format	Color
Hex	B8BF73
RGB	184, 191, 115
RGB Percent	72%, 75%, 45%
CMY	0.2785, 0.2509, 0.5491
CMYK	0.04, 0.00, 0.40, 0.25
HSL	66°, 37%, 60%
HSV	66°, 40%, 75%
XYZ	41.4874, 48.6898, 23.4247
YIQ	180.2430, 20.2240, -25.1200

Conversions

Conversions Part 2

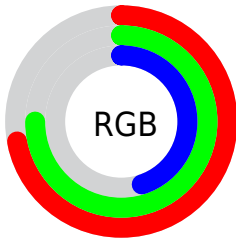
Format	Color
RYB	115, 191, 122
Decimal	12107635
CIELab	75.26, -14.07, 37.50
CIELCh	75, 40.054, 110.566
Yxy	48.6898, 0.3652, 0.4286
Android (android.graphics.Color)	4290297715 (0xFFB8BF73)
YUV	180.2430, -32.1648, 3.2949
Hunter-Lab	69.7781, -15.9822, 28.9408

Details

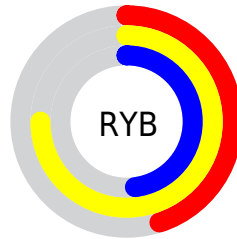
The Yxy color **48.6898, 0.3652, 0.4286** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.1581, 0.2463, 0.2107**, and the grayscale version is **45.9457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0495, 0.3569, 0.4102**, and **23.3044, 0.3771, 0.4566** is the 20% darker color. If you saturate the color by 10%, you get **48.0800, 0.3768, 0.4520**, and if you desaturate by 10%, it is **49.3978, 0.3524, 0.4037**.

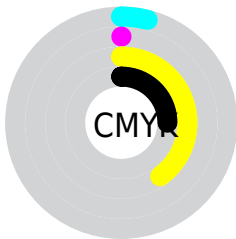
Distribution



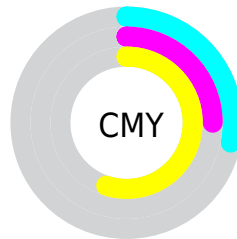
- Red (72%)
- Green (75%)
- Blue (45%)



- Red (45%)
- Yellow (75%)
- Blue (48%)



- Cyan (4%)
- Magenta (0%)
- Yellow (40%)
- Black (25%)





- Cyan (28%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6898, 0.3652, 0.4286 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 48.6898, 0.3652, 0.4286 by changing the saturation by 10% instead.


 48.6898, 0.3652,
0.4286


 48.6898, 0.3652,
0.4286


381.5199, 0.3407,
0.3785


 34.3735, 0.3706,
0.4409


 88.2306, 0.3568,
0.4105

 23.1807, 0.3769,
0.4564


 114.2238, 0.3535,
0.4036

 14.7270, 0.3843,
0.4765

 144.8781, 0.3506,
0.3978

 8.6280, 0.3925,
0.5030

180.5779, 0.3481,
0.3929

 4.4993, 0.4042,
0.5446

221.7076, 0.3459,
0.3886

 1.9566, 0.4057,
0.5943

268.6515, 0.3440,

 0.5821, 0.2649,

0.3848

0.7351

321.7942, 0.3422,
0.3815

0.0000, 0.0000,
0.0000

48.6898, 0.3652,
0.4286

48.6898, 0.3652,
0.4286

48.0800, 0.3768,
0.4520

49.3978, 0.3524,
0.4037

47.5562, 0.3868,
0.4729

50.2026, 0.3391,
0.3782

47.1143, 0.3945,
0.4904


51.1113, 0.3257,
0.3529

46.7470, 0.3998,
0.5037


52.1282, 0.3125,
0.3285


46.4459, 0.4025,
0.5127

53.2577, 0.2998,
0.3055

 46.1946, 0.4031,
0.5180

 54.5037, 0.2879,
0.2840

 46.1898, 0.4031,
0.5181

 55.8701, 0.2768,
0.2642

 56.5089, 0.2742,
0.2582

 56.7507, 0.2754,
0.2584

Harmonies

Analogous

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



48.6898, 0.4067, 0.4071



48.6898, 0.3652, 0.4286



48.6898, 0.3117, 0.4193

Triad

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



48.6898, 0.3652, 0.4286



48.6898, 0.2135, 0.2745



48.6898, 0.3622, 0.2859

Complementary

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



48.6898, 0.3652, 0.4286



20.1581, 0.2463, 0.2107

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.



48.6898, 0.3059, 0.2564



48.6898, 0.3652, 0.4286



48.6898, 0.2239, 0.2478

Square

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



48.6898, 0.3652, 0.4286



48.6898, 0.2262, 0.3214



48.6898, 0.2561, 0.2425



48.6898, 0.4067, 0.3256

Rectangle

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



48.6898, 0.3652, 0.4286



48.6898, 0.2767, 0.3942



48.6898, 0.2561, 0.2425



48.6898, 0.3437, 0.2746

Sweetspot

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



48.6920, 0.3652, 0.4286



91.1216, 0.3288, 0.3589



26.0673, 0.4080, 0.3380



19.9612, 0.3306, 0.3622



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.



48.6920, 0.3652, 0.4286



86.2059, 0.3757, 0.4497



44.6762, 0.3322, 0.4404



11.0744, 0.3250, 0.3518



30.3695, 0.4034, 0.5179



1.2028, 0.4074, 0.5147

Inverse Universe

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



20.1581, 0.2463, 0.2107



27.8796, 0.2282, 0.1798



23.4243, 0.2832, 0.2219



9.2665, 0.2998, 0.3054



2.5705, 0.1535, 0.0619



0.1151, 0.1663, 0.0690

Previews

White Background



This preview shows how the Yxy color 48.6898, 0.3652, 0.4286 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 48.6898, 0.3652, 0.4286 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 48.6898, 0.3652, 0.4286

Background



This preview shows how black text looks on a background with the Yxy color 48.6898, 0.3652, 0.4286.



This preview shows how white text looks on a background with the Yxy color 48.6898, 0.3652, 0.4286.

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

48.6898, 0.3652, 0.4286

Protanopia

48.4467, 0.3861, 0.4185

Deuteranopia

48.4403, 0.4059, 0.3979



Tritanopia

48.5026, 0.3119, 0.3104

Trichromacy



Original Color

48.6898, 0.3652, 0.4286

Protanomaly

48.3577, 0.3778, 0.4218

Deuteranomaly

48.2956, 0.3910, 0.4084

Tritanomaly

48.4351, 0.3313, 0.3523

Monochromacy



Original Color

48.6898, 0.3652, 0.4286

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.5050, 0.3325, 0.3664

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6898, 0.3652, 0.4286 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(184, 191, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 191, 115) }
```

Border

The CSS property to change the border of an element to Yxy 48.6898, 0.3652, 0.4286 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, 115) }
```

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

```
.border{ border-color:rgb(184, 191, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 191, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 191, 115);  
box-shadow:4px 4px 4px 4px rgb(184, 191,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6898, 0.3652, 0.4286 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, 115) }
```

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

```
.background{ background-color: rgb(184,  
191, 115) }
```

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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