

Converting Colors

$Yxy(47.9098, 0.3658, 0.4394)$

Have a look what the booklet for
Yxy(47.9098, 0.3658, 0.4394)
contains.

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Color

Yxy(47.9280, 0.3657, 0.4389)

Conversions

Conversions Part 1

Format	Color
Hex	B3BF6C
RGB	179, 191, 108
RGB Percent	70%, 75%, 42%
CMY	0.2979, 0.2510, 0.5764
CMYK	0.06, 0.00, 0.43, 0.25
HSL	69°, 39%, 59%
HSV	69°, 43%, 75%
XYZ	39.9345, 47.9280, 21.3377
YIQ	177.9500, 19.4910, -28.3570

Conversions

Conversions Part 2

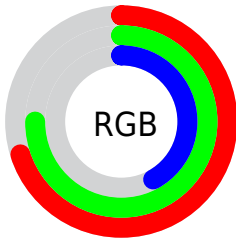
Format	Color
RYB	108, 191, 120
Decimal	11779948
CIELab	74.78, -16.80, 40.35
CIELCh	75, 43.705, 112.608
Yxy	47.9280, 0.3657, 0.4389
Android (android.graphics.Color)	4289970028 (0xFFB3BF6C)
YUV	177.9500, -34.4853, 0.9209
Hunter-Lab	69.2301, -18.1870, 30.1870

Details

The Yxy color $47.9280, 0.3657, 0.4389$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $18.4815, 0.2429, 0.1995$, and the grayscale version is $44.6756, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.9276, 0.3575, 0.4183$, and $22.8424, 0.3767, 0.4700$ is the 20% darker color. If you saturate the color by 10%, you get $47.2421, 0.3758, 0.4624$, and if you desaturate by 10%, it is $48.7138, 0.3542, 0.4137$.

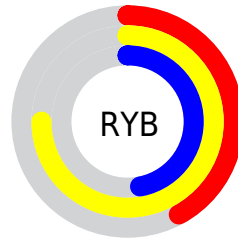
Distribution



Red (70%)

Green (75%)

Blue (42%)



Red (42%)

Yellow (75%)

Blue (47%)

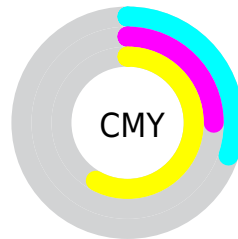


Cyan (6%)

Magenta (0%)

Yellow (43%)

Black (25%)



Cyan (30%)


Magenta (25%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9280, 0.3657, 0.4389 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 47.9280, 0.3657, 0.4389 by changing the saturation by 10% instead.


 47.9280, 0.3657,
0.4389


 47.9280, 0.3657,
0.4389


378.5067, 0.3413,
0.3833


 33.7699, 0.3708,
0.4526

 87.0972, 0.3575,
0.4188

 22.7169, 0.3768,
0.4698


 112.8770, 0.3542,
0.4112

 14.3846, 0.3833,
0.4920


 143.2996, 0.3513,
0.4047

 8.3886, 0.3898,
0.5212

 178.7493, 0.3488,
0.3992

 4.3446, 0.4038,
0.5743

219.6104, 0.3466,
0.3945

 1.8681, 0.3877,
0.6123

266.2674, 0.3446,

 0.5291, 0.1492,

0.3903

0.8508

319.1047, 0.3429,
0.3866

0.0000, 0.0000,
0.0000

47.9280, 0.3657,
0.4389

47.9280, 0.3657,
0.4389

47.2421, 0.3758,
0.4624

48.7138, 0.3542,
0.4137

46.6438, 0.3841,
0.4832

49.5985, 0.3420,
0.3878

46.1286, 0.3901,
0.5003


50.5892, 0.3294,
0.3621


45.6888, 0.3935,
0.5131

51.6905, 0.3169,
0.3373

45.3154, 0.3944,
0.5215


52.9067, 0.3049,
0.3137

 45.0950, 0.3941,
0.5253

 54.2420, 0.2934,
0.2917

 55.7001, 0.2826,
0.2715

 56.9048, 0.2762,
0.2586

 57.2899, 0.2781,
0.2589

Harmonies

Analogous

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



47.9280, 0.4127, 0.4160



47.9280, 0.3657, 0.4389



47.9280, 0.3070, 0.4268

Triad

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



47.9280, 0.3657, 0.4389



47.9280, 0.2050, 0.2662



47.9280, 0.3708, 0.2847

Complementary

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



47.9280, 0.3657, 0.4389



18.4815, 0.2429, 0.1995

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.



47.9280, 0.3091, 0.2520



47.9280, 0.3657, 0.4389



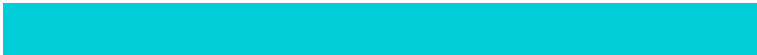
47.9280, 0.2179, 0.2394

Square

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



47.9280, 0.3657, 0.4389



47.9280, 0.2167, 0.3160



47.9280, 0.2540, 0.2356



47.9280, 0.4183, 0.3278

Rectangle

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



47.9280, 0.3657, 0.4389



47.9280, 0.2694, 0.3974



47.9280, 0.2540, 0.2356



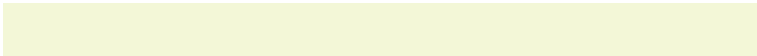
47.9280, 0.3507, 0.2723

Sweetspot

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



47.9302, 0.3657, 0.4389



90.6562, 0.3291, 0.3615



25.3716, 0.4183, 0.3446



19.8162, 0.3319, 0.3672



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.



47.9302, 0.3657, 0.4389



84.6881, 0.3752, 0.4610



43.7834, 0.3300, 0.4531



11.0490, 0.3243, 0.3518



29.6647, 0.3944, 0.5250



1.1813, 0.4008, 0.5200

Inverse Universe

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



18.4815, 0.2429, 0.1995



25.2070, 0.2246, 0.1677



22.0225, 0.2842, 0.2130



9.2896, 0.3006, 0.3054



2.6517, 0.1564, 0.0635



0.1253, 0.1749, 0.0737

Previews

White Background



This preview shows how the Yxy color 47.9280, 0.3657, 0.4389 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 47.9280, 0.3657, 0.4389 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 47.9280, 0.3657, 0.4389

Background



This preview shows how black text looks on a background with the Yxy color 47.9280, 0.3657, 0.4389.



This preview shows how white text looks on a background with the Yxy color 47.9280, 0.3657, 0.4389.

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

47.9280, 0.3657, 0.4389

Protanopia

47.8575, 0.3926, 0.4266

Deuteranopia

47.5178, 0.4121, 0.4022



Tritanopia

47.8067, 0.3085, 0.3114

Trichromacy



Original Color

47.9280, 0.3657, 0.4389

Protanomaly

48.0506, 0.3828, 0.4316

Deuteranomaly

47.4608, 0.3944, 0.4148

Tritanomaly

47.6566, 0.3302, 0.3579

Monochromacy



Original Color

47.9280, 0.3657, 0.4389

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.6319, 0.3325, 0.3696

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9280, 0.3657, 0.4389 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(179, 191, 108)` looks like.

```
.text, #text, p{  
    color:rgb(179, 191, 108)  
}
```

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(179, 191, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 191, 108) }
```

Border

The CSS property to change the border of an element to Yxy 47.9280, 0.3657, 0.4389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

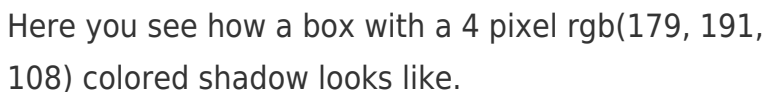
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 191, 108) }
```

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

```
.border{ border-color:rgb(179, 191, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 191, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 191, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 191, 108); box-shadow:4px 4px 4px 4px rgb(179, 191, 108) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9280, 0.3657, 0.4389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 191, 108) }
```

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

```
.background{ background-color: rgb(179,  
191, 108) }
```

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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