

Converting Colors

$Yxy(46.5850, 0.3892, 0.4226)$

Have a look what the booklet for
Yxy(46.5850, 0.3892, 0.4226)
contains.

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Color

Yxy(46.6595, 0.3894, 0.4232)

Conversions

Conversions Part 1

Format	Color
Hex	C7B66B
RGB	199, 182, 107
RGB Percent	78%, 71%, 42%
CMY	0.2197, 0.2862, 0.5803
CMYK	0.00, 0.09, 0.46, 0.22
HSL	49°, 45%, 60%
HSV	49°, 46%, 78%
XYZ	42.9329, 46.6595, 20.6616
YIQ	178.5330, 34.2070, -19.7210

Conversions

Conversions Part 2

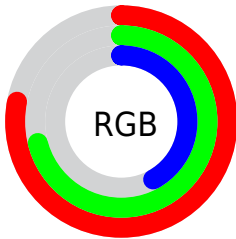
Format	Color
R_{YB}	128, 199, 107
Decimal	13088363
CIE _{Lab}	73.97, -4.17, 40.19
CIE _{LCh}	74, 40.410, 95.924
Yxy	46.6595, 0.3894, 0.4232
Android (android.graphics.Color)	4291278443 (0xFFC7B66B)
YUV	178.5330, -35.2658, 17.9496
Hunter-Lab	68.3078, -7.3474, 29.8815

Details

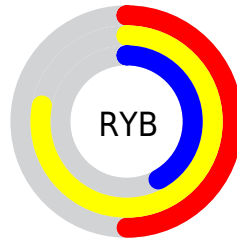
The Yxy color **46.6595, 0.3894, 0.4232** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.6674, 0.2307, 0.2120**, and the grayscale version is **44.9967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9471, 0.3746, 0.4071**, and **21.8356, 0.4082, 0.4476** is the 20% darker color. If you saturate the color by 10%, you get **44.8048, 0.4062, 0.4411**, and if you desaturate by 10%, it is **48.6544, 0.3720, 0.4034**.

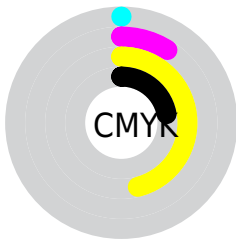
Distribution



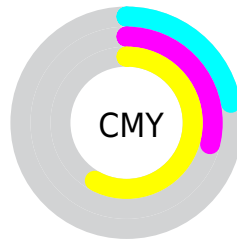
- Red (78%)
- Green (71%)
- Blue (42%)



- Red (50%)
- Yellow (78%)
- Blue (42%)



- Cyan (0%)
- Magenta (9%)
- Yellow (46%)
- Black (22%)




- Cyan (22%)
- Magenta (29%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.6595, 0.3894, 0.4232 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 46.6595, 0.3894, 0.4232 by changing the saturation by 10% instead.

 46.6595, 0.3894,
0.4232


 46.6595, 0.3894,
0.4232


373.4537, 0.3525,
0.3769

 32.7666, 0.3978,
0.4341


 85.2051, 0.3765,
0.4068


 21.9477, 0.4080,
0.4475


 110.6266, 0.3715,
0.4005

 13.8185, 0.4203,
0.4643


 140.6598, 0.3672,
0.3951

 7.9945, 0.4348,
0.4851

 175.6889, 0.3635,
0.3904

 4.0914, 0.4642,
0.5256

216.0985, 0.3602,
0.3864

 1.7248, 0.4628,
0.5372

262.2729, 0.3573,

 0.4397, 0.4182,

0.3828

0.5818

314.5965, 0.3547,
0.3797

0.0000, 0.0000,
0.0000

46.6595, 0.3894,
0.4232

46.6595, 0.3894,
0.4232

44.8048, 0.4062,
0.4411

48.6544, 0.3720,
0.4034

43.0767, 0.4216,
0.4560

50.7893, 0.3547,
0.3827

41.4697, 0.4351,
0.4670


53.0723, 0.3379,
0.3618


39.9745, 0.4458,
0.4736

55.5089, 0.3220,
0.3413

38.5798, 0.4538,
0.4757


58.1040, 0.3073,
0.3217

 38.0691, 0.4564,
0.4758

 60.8626, 0.2937,
0.3033

 63.7893, 0.2813,
0.2861

 66.1446, 0.2765,
0.2814

 67.9951, 0.2768,
0.2855

Harmonies

Analogous

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



46.6595, 0.4208, 0.3908



46.6595, 0.3894, 0.4232



46.6595, 0.3388, 0.4308

Triad

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



46.6595, 0.3894, 0.4232



46.6595, 0.2147, 0.2943



46.6595, 0.3354, 0.2686

Complementary

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



46.6595, 0.3894, 0.4232



21.6674, 0.2307, 0.2120

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.



46.6595, 0.2791, 0.2458



46.6595, 0.3894, 0.4232



46.6595, 0.2140, 0.2564

Square

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



46.6595, 0.3894, 0.4232



46.6595, 0.2390, 0.3492



46.6595, 0.2362, 0.2407



46.6595, 0.3894, 0.3048

Rectangle

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



46.6595, 0.3894, 0.4232



46.6595, 0.3017, 0.4161



46.6595, 0.2362, 0.2407



46.6595, 0.3159, 0.2593

Sweetspot

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



46.6617, 0.3894, 0.4232



93.7774, 0.3347, 0.3576



24.1534, 0.4109, 0.3050



19.8775, 0.3382, 0.3621



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.



46.6617, 0.3894, 0.4232



78.5917, 0.4055, 0.4404



50.6039, 0.3563, 0.4513



12.0712, 0.3270, 0.3477



24.6029, 0.4558, 0.4763



1.2538, 0.4469, 0.4834

Inverse Universe

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



21.6674, 0.2307, 0.2120



29.7916, 0.2122, 0.1829



19.7641, 0.2506, 0.1942



10.5990, 0.2983, 0.3096



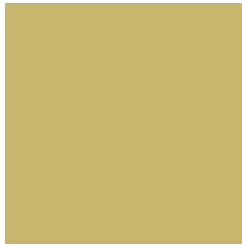
3.5865, 0.1551, 0.0784



0.2686, 0.1654, 0.1152

Previews

White Background



This preview shows how the Yxy color 46.6595, 0.3894, 0.4232 looks on a white background.

Color Contrast Check

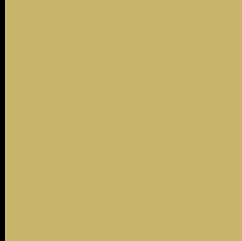
Large Text (above 18pt) WCAG AA × Fail

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 46.6595, 0.3894, 0.4232 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 46.6595, 0.3894, 0.4232

Background



This preview shows how black text looks on a background with the Yxy color 46.6595, 0.3894, 0.4232.



This preview shows how white text looks on a background with the Yxy color 46.6595, 0.3894, 0.4232.

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

46.6595, 0.3894, 0.4232

Protanopia

46.6595, 0.3894, 0.4232

Deuteranopia

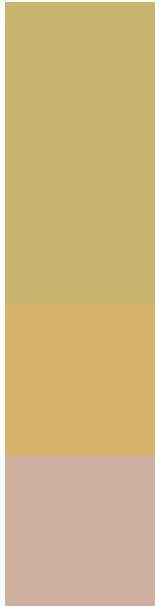
46.7484, 0.4133, 0.4050



Tritanopia

46.6977, 0.3323, 0.3132

Trichromacy



Original Color

46.6595, 0.3894, 0.4232

Protanomaly

46.6595, 0.3894, 0.4232

Deuteranomaly

46.6731, 0.4048, 0.4119

Tritanomaly

46.3224, 0.3545, 0.3530

Monochromacy



Original Color

46.6595, 0.3894, 0.4232

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.3815, 0.3403, 0.3649

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6595, 0.3894, 0.4232 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(199, 182, 107)` looks like.

```
.text, #text, p{  
    color:rgb(199, 182, 107)  
}
```

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(199, 182, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 182, 107) }
```

Border

The CSS property to change the border of an element to Yxy 46.6595, 0.3894, 0.4232 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(199, 182, 107) }
```

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

```
.border{ border-color:rgb(199, 182, 107) }
```

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

Here you see how a box with a 4 pixel rgb(199, 182, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 182, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 182, 107);  
box-shadow:4px 4px 4px 4px rgb(199, 182,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6595, 0.3894, 0.4232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 182, 107) }
```

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

```
.background{ background-color: rgb(199,  
182, 107) }
```

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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