

Converting Colors

Yxy(50.2822, 0.3668, 0.4063)

Have a look what the booklet for
Yxy(50.2822, 0.3668, 0.4063)
contains.

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Color

Yxy(50.2822, 0.3668, 0.4063)

Conversions

Conversions Part 1

Format	Color
Hex	C5BE81
RGB	197, 190, 129
RGB Percent	77%, 75%, 51%
CMY	0.2276, 0.2548, 0.4941
CMYK	0.00, 0.04, 0.35, 0.23
HSL	54°, 37%, 64%
HSV	54°, 35%, 77%
XYZ	45.3938, 50.2822, 28.0803
YIQ	185.1390, 23.7530, -17.4870

Conversions

Conversions Part 2

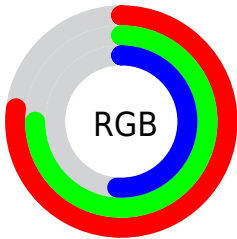
Format	Color
RYB	137, 197, 129
Decimal	12959361
CIELab	76.24, -6.76, 31.73
CIELCh	76, 32.447, 102.033
Yxy	50.2822, 0.3668, 0.4063
Android (android.graphics.Color)	4291149441 (0xFFC5BE81)
YUV	185.1390, -27.6765, 10.4021
Hunter-Lab	70.9099, -9.8235, 26.1581

Details

The Yxy color **50.2822, 0.3668, 0.4063** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.2877, 0.2524, 0.2377**, and the grayscale version is **48.7425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3598, 0.3577, 0.3929**, and **24.2066, 0.3797, 0.4273** is the 20% darker color. If you saturate the color by 10%, you get **48.9446, 0.3826, 0.4278**, and if you desaturate by 10%, it is **51.7374, 0.3507, 0.3838**.

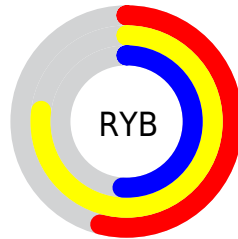
Distribution



Red (77%)

Green (75%)

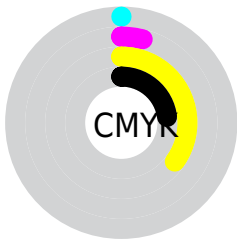
Blue (51%)



Red (54%)

Yellow (77%)

Blue (51%)

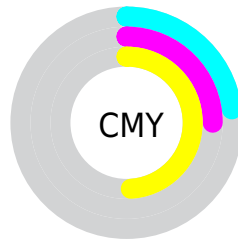


Cyan (0%)

Magenta (4%)

Yellow (35%)

Black (23%)



Cyan (23%)


Magenta (25%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2822, 0.3668, 0.4063 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 50.2822, 0.3668, 0.4063 by changing the saturation by 10% instead.


 50.2822, 0.3668,
0.4063

 50.2822, 0.3668,
0.4063


387.7685, 0.3408,
0.3680


 35.6377, 0.3728,
0.4156


 90.5929, 0.3577,
0.3926

 24.1545, 0.3802,
0.4273


 117.0278, 0.3542,
0.3873

 15.4483, 0.3894,
0.4423


 148.1616, 0.3511,
0.3829

 9.1346, 0.4010,
0.4623

184.3788, 0.3485,
0.3791

 4.8291, 0.4151,
0.4892

226.0637, 0.3462,
0.3758

 2.1473, 0.4500,
0.5500

273.6006, 0.3442,

 0.6910, 0.4157,

0.3729

0.5843

327.3741, 0.3424,
0.3703

0.0000, 0.0000,
0.0000

50.2822, 0.3668,
0.4063

50.2822, 0.3668,
0.4063

48.9446, 0.3826,
0.4278

51.7374, 0.3507,
0.3838

47.7118, 0.3975,
0.4473

53.3087, 0.3347,
0.3610

46.5796, 0.4108,
0.4638


55.0034, 0.3194,
0.3388


45.5409, 0.4219,
0.4765


56.8263, 0.3049,
0.3174


44.5871, 0.4304,
0.4850


58.7817, 0.2914,
0.2973

 43.7083, 0.4361,
0.4890

 60.8739, 0.2790,
0.2786

 43.2466, 0.4385,
0.4900

 62.3186, 0.2745,
0.2729

 63.2818, 0.2747,
0.2752

 64.2574, 0.2749,
0.2775

Harmonies

Analogous

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



50.2822, 0.3948, 0.3855



50.2822, 0.3668, 0.4063



50.2822, 0.3254, 0.4052

Triad

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



50.2822, 0.3668, 0.4063



50.2822, 0.2326, 0.2953



50.2822, 0.3401, 0.2860

Complementary

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



50.2822, 0.3668, 0.4063



26.2877, 0.2524, 0.2377

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.



50.2822, 0.2951, 0.2647



50.2822, 0.3668, 0.4063



50.2822, 0.2358, 0.2678

Square

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



50.2822, 0.3668, 0.4063



50.2822, 0.2490, 0.3362



50.2822, 0.2577, 0.2578



50.2822, 0.3796, 0.3172

Rectangle

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



50.2822, 0.3668, 0.4063



50.2822, 0.2961, 0.3899



50.2822, 0.2577, 0.2578



50.2822, 0.3250, 0.2775

Sweetspot

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



50.2845, 0.3668, 0.4063



96.8145, 0.3279, 0.3513



29.3688, 0.3837, 0.3186



20.6305, 0.3301, 0.3545



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.



50.2845, 0.3668, 0.4063



88.3711, 0.3781, 0.4218



50.1468, 0.3416, 0.4209



12.2247, 0.3268, 0.3496



28.5292, 0.4383, 0.4902



1.4056, 0.4338, 0.4937

Inverse Universe

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



26.2877, 0.2524, 0.2377



39.2818, 0.2380, 0.2151



26.7028, 0.2748, 0.2333



10.4589, 0.2983, 0.3076



3.0423, 0.1522, 0.0678



0.2047, 0.1589, 0.0920

Previews

White Background



This preview shows how the Yxy color 50.2822, 0.3668, 0.4063 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 50.2822, 0.3668, 0.4063 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 50.2822, 0.3668, 0.4063

Background



This preview shows how black text looks on a background with the Yxy color 50.2822, 0.3668, 0.4063.



This preview shows how white text looks on a background with the Yxy color 50.2822, 0.3668, 0.4063.

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

50.2822, 0.3668, 0.4063

Protanopia

50.2215, 0.3739, 0.4037

Deuteranopia

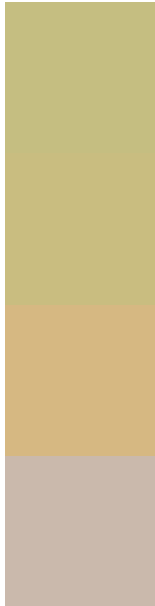
50.1285, 0.3943, 0.3864



Tritanopia

50.4206, 0.3211, 0.3122

Trichromacy



Original Color

50.2822, 0.3668, 0.4063

Protanomaly

50.3712, 0.3716, 0.4054

Deuteranomaly

50.1888, 0.3841, 0.3942

Tritanomaly

50.2330, 0.3378, 0.3452

Monochromacy



Original Color

50.2822, 0.3668, 0.4063

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.0761, 0.3318, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2822, 0.3668, 0.4063 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(197, 190, 129)` looks like.

```
.text, #text, p{  
    color:rgb(197, 190, 129)  
}
```

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(197, 190, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 190, 129) }
```

Border

The CSS property to change the border of an element to Yxy 50.2822, 0.3668, 0.4063 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(197, 190, 129) }
```

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

```
.border{ border-color:rgb(197, 190, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 190, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 190, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 190, 129); box-shadow:4px 4px 4px 4px rgb(197, 190, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2822, 0.3668, 0.4063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 190, 129) }
```

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

```
.background{ background-color: rgb(197,  
190, 129) }
```

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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