

Converting Colors

$Yxy(58.5062, 0.3787, 0.4357)$

Have a look what the booklet for
Yxy(58.5062, 0.3787, 0.4357)
contains.

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Color

Yxy(58.6458, 0.3787, 0.4364)

Conversions

Conversions Part 1

Format	Color
Hex	CFCE73
RGB	207, 206, 115
RGB Percent	81%, 81%, 45%
CMY	0.1883, 0.1921, 0.5491
CMYK	0.00, 0.00, 0.44, 0.19
HSL	59°, 49%, 63%
HSV	59°, 44%, 81%
XYZ	50.8918, 58.6458, 24.8479
YIQ	195.9250, 29.8070, -28.0890

Conversions

Conversions Part 2

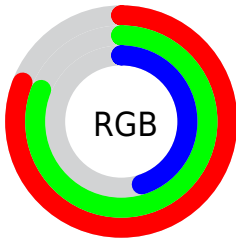
Format	Color
RYB	116, 207, 115
Decimal	13618803
CIELab	81.10, -12.51, 45.19
CIElCh	81, 46.887, 105.470
Yxy	58.6458, 0.3787, 0.4364
Android (android.graphics.Color)	4291808883 (0xFFCFCE73)
YUV	195.9250, -39.8960, 9.7128
Hunter-Lab	76.5805, -15.3934, 34.3687

Details

The Yxy color **58.6458, 0.3787, 0.4364** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.6226, 0.2298, 0.1929**, and the grayscale version is **55.3831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6446, 0.3638, 0.4134**, and **29.4059, 0.3922, 0.4628** is the 20% darker color. If you saturate the color by 10%, you get **58.1202, 0.3915, 0.4571**, and if you desaturate by 10%, it is **59.2839, 0.3645, 0.4134**.

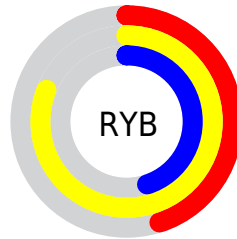
Distribution



Red (81%)

Green (81%)

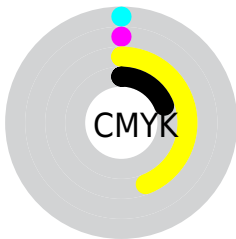
Blue (45%)



Red (45%)

Yellow (81%)

Blue (45%)

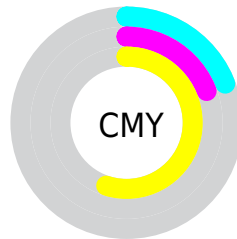


Cyan (0%)

Magenta (0%)

Yellow (44%)

Black (19%)



Cyan (19%)


Magenta (19%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6458, 0.3787, 0.4364 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 58.6458, 0.3787, 0.4364 by changing the saturation by 10% instead.


 58.6458, 0.3787,
0.4364

 58.6458, 0.3787,
0.4364


419.5880, 0.3489,
0.3847

 42.3281, 0.3849,
0.4483


 102.8627, 0.3687,
0.4183

 29.3583, 0.3922,
0.4629


 131.5306, 0.3647,
0.4113

 19.3520, 0.4004,
0.4810


 165.0841, 0.3612,
0.4053

 11.9249, 0.4094,
0.5037

203.9075, 0.3582,
0.4001

 6.6926, 0.4192,
0.5338

248.3852, 0.3555,
0.3955

 3.2706, 0.4267,
0.5733

298.9016, 0.3530,

 1.2746, 0.4036,

0.3915

0.5964

355.8411, 0.3509,
0.3879

0.1214, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.6458, 0.3787,
0.4364

58.6458, 0.3787,
0.4364

58.1202, 0.3915,
0.4571

59.2839, 0.3645,
0.4134

57.6917, 0.4024,
0.4746


60.0330, 0.3495,
0.3890


57.3549, 0.4109,
0.4881


60.9019, 0.3342,
0.3642

57.1004, 0.4167,
0.4972


61.8961, 0.3192,
0.3397


 56.9168, 0.4200,
0.5022


 63.0209, 0.3048,
0.3160

 56.8340, 0.4212,
0.5038

 64.2812, 0.2912,
0.2937

 65.3652, 0.2814,
0.2778

 65.4706, 0.2814,
0.2780

 65.5761, 0.2814,
0.2783

Harmonies

Analogous

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



58.6458, 0.4208, 0.4074



58.6458, 0.3787, 0.4364



58.6458, 0.3212, 0.4338

Triad

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



58.6458, 0.3787, 0.4364



58.6458, 0.2052, 0.2760



58.6458, 0.3567, 0.2755

Complementary

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



58.6458, 0.3787, 0.4364



20.6226, 0.2298, 0.1929

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.



58.6458, 0.2947, 0.2462



58.6458, 0.3787, 0.4364



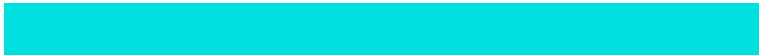
58.6458, 0.2124, 0.2434

Square

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



58.6458, 0.3787, 0.4364



58.6458, 0.2229, 0.3304



58.6458, 0.2433, 0.2343



58.6458, 0.4097, 0.3169

Rectangle

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



58.6458, 0.3787, 0.4364



58.6458, 0.2822, 0.4098



58.6458, 0.2433, 0.2343



58.6458, 0.3359, 0.2641

Sweetspot

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



58.6485, 0.3787, 0.4364



97.8247, 0.3323, 0.3610



26.7899, 0.4282, 0.3274



20.8670, 0.3357, 0.3665



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.



58.6485, 0.3787, 0.4364



93.2331, 0.3905, 0.4555



53.5863, 0.3412, 0.4525



13.7755, 0.3266, 0.3517



35.8264, 0.4211, 0.5038



2.0102, 0.4208, 0.5041

Inverse Universe

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



20.6226, 0.2298, 0.1929



24.9415, 0.2102, 0.1606



24.1750, 0.2694, 0.2049



11.4372, 0.2982, 0.3052



2.8766, 0.1502, 0.0607



0.1680, 0.1509, 0.0631

Previews

White Background



This preview shows how the Yxy color 58.6458, 0.3787, 0.4364 looks on a white background.

Color Contrast Check

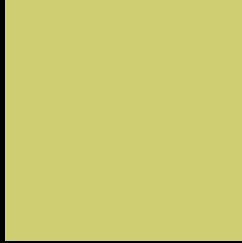
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Xy color 58.6458, 0.3787, 0.4364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

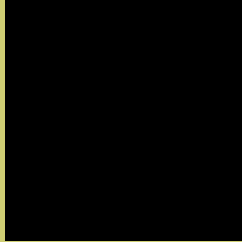
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6458, 0.3787, 0.4364

Background



This preview shows how black text looks on a background with the Yxy color 58.6458, 0.3787, 0.4364.



This preview shows how white text looks on a background with the Yxy color 58.6458, 0.3787, 0.4364.

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

58.6458, 0.3787, 0.4364

Protanopia

58.3377, 0.3945, 0.4287

Deuteranopia

58.4198, 0.4167, 0.4072



Tritanopia

58.4351, 0.3191, 0.3120

Trichromacy



Original Color

58.6458, 0.3787, 0.4364

Protanomaly

58.5257, 0.3885, 0.4314

Deuteranomaly

58.2058, 0.4025, 0.4174

Tritanomaly

58.0881, 0.3421, 0.3574

Monochromacy



Original Color

58.6458, 0.3787, 0.4364

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.3779, 0.3372, 0.3696

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6458, 0.3787, 0.4364 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(207, 206, 115)` looks like.

```
.text, #text, p{  
    color:rgb(207, 206, 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(207, 206, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 206, 115) }
```

Border

The CSS property to change the border of an element to Yxy 58.6458, 0.3787, 0.4364 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(207, 206, 115) }
```

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

```
.border{ border-color:rgb(207, 206, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 206, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 206, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 206, 115);  
box-shadow:4px 4px 4px 4px rgb(207, 206,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6458, 0.3787, 0.4364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 206, 115) }
```

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

```
.background{ background-color: rgb(207,  
206, 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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