

Converting Colors

Yxy(57.4316, 0.3778, 0.4389)

Have a look what the booklet for
Yxy(57.4316, 0.3778, 0.4389)
contains.

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Color

Yxy(57.5514, 0.3771, 0.4389)

Conversions

Conversions Part 1

Format	Color
Hex	CBCD71
RGB	203, 205, 113
RGB Percent	80%, 80%, 44%
CMY	0.2038, 0.1961, 0.5568
CMYK	0.01, 0.00, 0.45, 0.20
HSL	61°, 48%, 62%
HSV	61°, 45%, 80%
XYZ	49.4478, 57.5514, 24.1273
YIQ	193.9140, 28.3400, -29.0360

Conversions

Conversions Part 2

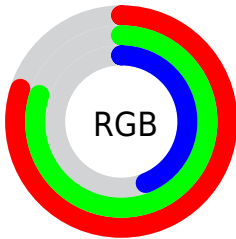
Format	Color
RYB	113, 205, 115
Decimal	13356401
CIELab	80.49, -13.76, 45.33
CIELCh	80, 47.377, 106.889
Yxy	57.5514, 0.3771, 0.4389
Android (android.graphics.Color)	4291546481 (0xFFCBCD71)
YUV	193.9140, -39.8906, 7.9684
Hunter-Lab	75.8626, -16.4121, 34.2473

Details

The Yxy color **57.5514, 0.3771, 0.4389** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **19.8628, 0.2303, 0.1907**, and the grayscale version is **54.1276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5332, 0.3655, 0.4162**, and **28.6841, 0.3898, 0.4665** is the 20% darker color. If you saturate the color by 10%, you get **57.0819, 0.3892, 0.4600**, and if you desaturate by 10%, it is **58.1306, 0.3635, 0.4155**.

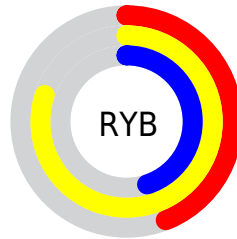
Distribution



Red (80%)

Green (80%)

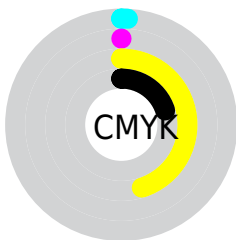
Blue (44%)



Red (44%)

Yellow (80%)

Blue (45%)

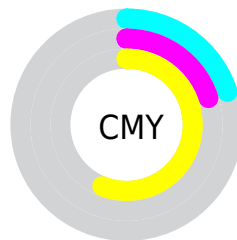


Cyan (1%)

Magenta (0%)

Yellow (45%)

Black (20%)



Cyan (20%)


Magenta (20%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5514, 0.3771, 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 57.5514, 0.3771, 0.4389 by changing the saturation by 10% instead.

 57.5514, 0.3771,
0.4389

 57.5514, 0.3771,
0.4389


415.5123, 0.3481,
0.3857


 41.4481, 0.3831,
0.4512


 101.2693, 0.3674,
0.4202

 28.6694, 0.3901,
0.4664


 129.6527, 0.3635,
0.4130

 18.8309, 0.3979,
0.4853


 162.8983, 0.3601,
0.4068

 11.5481, 0.4063,
0.5090

201.3904, 0.3571,
0.4014

 6.4368, 0.4158,
0.5416

245.5134, 0.3545,
0.3967

 3.1125, 0.4193,
0.5807

295.6519, 0.3521,

 1.1907, 0.3920,

0.3926

0.6080

352.1900, 0.3500,
0.3890

■ 0.0541, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5514, 0.3771,
0.4389

■ 57.5514, 0.3771,
0.4389

■ 57.0819, 0.3892,
0.4600

■ 58.1306, 0.3635,
0.4155

■ 56.7072, 0.3994,
0.4778


■ 58.8180, 0.3491,
0.3908


■ 56.4218, 0.4071,
0.4916

■ 59.6223, 0.3343,
0.3656

■ 56.2164, 0.4123,
0.5012


■ 60.5489, 0.3197,
0.3408

 56.0799, 0.4149,
0.5065


 61.6030, 0.3056,
0.3169

 56.0258, 0.4156,
0.5082

 62.7895, 0.2922,
0.2943

 64.0154, 0.2806,
0.2749

 64.0781, 0.2809,
0.2749

 64.1410, 0.2812,
0.2750

Harmonies

Analogous

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



57.5514, 0.4210, 0.4103



57.5514, 0.3771, 0.4389



57.5514, 0.3183, 0.4345

Triad

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



57.5514, 0.3771, 0.4389



57.5514, 0.2034, 0.2729



57.5514, 0.3603, 0.2765

Complementary

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



57.5514, 0.3771, 0.4389



19.8628, 0.2303, 0.1907

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.



57.5514, 0.2972, 0.2461



57.5514, 0.3771, 0.4389



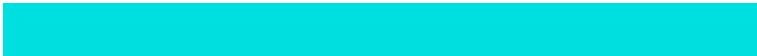
57.5514, 0.2118, 0.2411

Square

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



57.5514, 0.3771, 0.4389



57.5514, 0.2201, 0.3274



57.5514, 0.2442, 0.2330



57.5514, 0.4133, 0.3188

Rectangle

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



57.5514, 0.3771, 0.4389



57.5514, 0.2789, 0.4090



57.5514, 0.2442, 0.2330



57.5514, 0.3392, 0.2647

Sweetspot

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



57.5540, 0.3771, 0.4389



97.9121, 0.3318, 0.3613



26.3284, 0.4308, 0.3313



20.8889, 0.3351, 0.3669



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.



57.5540, 0.3771, 0.4389



93.5189, 0.3890, 0.4596



52.0681, 0.3389, 0.4547



13.0840, 0.3262, 0.3519



34.8857, 0.4157, 0.5082



1.8037, 0.4164, 0.5076

Inverse Universe

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



19.8628, 0.2303, 0.1907



24.0225, 0.2095, 0.1562



23.7489, 0.2719, 0.2048



10.8552, 0.2985, 0.3051



2.7668, 0.1508, 0.0604



0.1468, 0.1533, 0.0618

Previews

White Background



This preview shows how the Yxy color 57.5514, 0.3771, 0.4389 looks on a white background.

Color Contrast Check

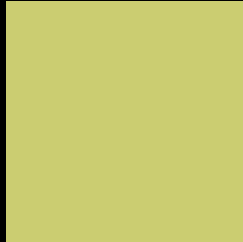
Large Text (above 18pt) WCAG AA × Fail

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 57.5514, 0.3771, 0.4389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

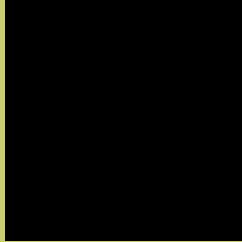
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5514, 0.3771, 0.4389

Background



This preview shows how black text looks on a background with the Yxy color 57.5514, 0.3771, 0.4389.



This preview shows how white text looks on a background with the Yxy color 57.5514, 0.3771, 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

57.5514, 0.3771, 0.4389

Protanopia

57.5163, 0.3947, 0.4305

Deuteranopia

57.1426, 0.4176, 0.4078



Tritanopia

57.4832, 0.3175, 0.3118

Trichromacy



Original Color

57.5514, 0.3771, 0.4389

Protanomaly

57.5570, 0.3878, 0.4335

Deuteranomaly

56.7620, 0.4025, 0.4184

Tritanomaly

57.1458, 0.3406, 0.3577

Monochromacy



Original Color

57.5514, 0.3771, 0.4389

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.9751, 0.3366, 0.3701

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5514, 0.3771, 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(203, 205, 113)` looks like.

```
.text, #text, p{  
    color:rgb(203, 205, 113)  
}
```

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(203, 205, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 205, 113) }
```

Border

The CSS property to change the border of an element to Yxy 57.5514, 0.3771, 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(203, 205, 113) }
```

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

```
.border{ border-color:rgb(203, 205, 113) }
```

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

Here you see how a box with a 4 pixel rgb(203, 205, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 205, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 205, 113);  
box-shadow:4px 4px 4px 4px rgb(203, 205,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5514, 0.3771, 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(203, 205, 113) }
```

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

```
.background{ background-color: rgb(203,  
205, 113) }
```

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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