

Converting Colors

Yxy(54.6702, 0.3660, 0.4170)

Have a look what the booklet for
Yxy(54.6702, 0.3660, 0.4170)
contains.

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Color

Yxy(54.5475, 0.3659, 0.4169)

Conversions

Conversions Part 1

Format	Color
Hex	C7C780
RGB	199, 199, 128
RGB Percent	78%, 78%, 50%
CMY	0.2195, 0.2196, 0.4981
CMYK	0.00, 0.00, 0.36, 0.22
HSL	60°, 39%, 64%
HSV	60°, 36%, 78%
XYZ	47.8746, 54.5475, 28.4186
YIQ	190.9060, 22.7910, -22.0810

Conversions

Conversions Part 2

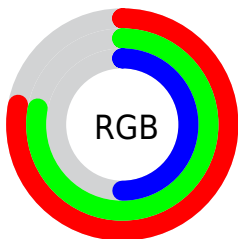
Format	Color
R_{YB}	128, 199, 128
Decimal	13092736
CIE _{Lab}	78.78, -10.71, 35.60
CIE _{LCh}	79, 37.176, 106.742
Yxy	54.5475, 0.3659, 0.4169
Android (android.graphics.Color)	4291282816 (0xFFC7C780)
YUV	190.9060, -31.0127, 7.0984
Hunter-Lab	73.8563, -13.5424, 28.8856

Details

The Yxy color **54.5475, 0.3659, 0.4169** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.1473, 0.2485, 0.2228**, and the grayscale version is **52.2176, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1574, 0.3561, 0.4008**, and **26.7159, 0.3787, 0.4405** is the 20% darker color. If you saturate the color by 10%, you get **54.0746, 0.3798, 0.4398**, and if you desaturate by 10%, it is **55.1281, 0.3511, 0.3925**.

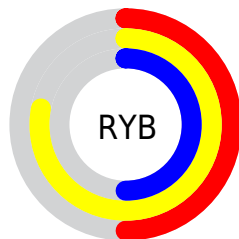
Distribution



Red (78%)

Green (78%)

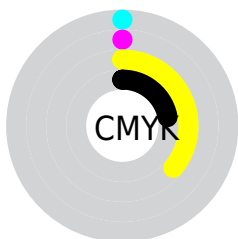
Blue (50%)



Red (50%)

Yellow (78%)

Blue (50%)

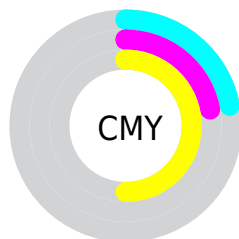


Cyan (0%)

Magenta (0%)

Yellow (36%)

Black (22%)



Cyan (22%)


Magenta (22%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5475, 0.3659, 0.4169 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 54.5475, 0.3659, 0.4169 by changing the saturation by 10% instead.


 54.5475, 0.3659,
0.4169


 54.5475, 0.3659,
0.4169


404.1944, 0.3411,
0.3737


 39.0396, 0.3714,
0.4272


 96.8777, 0.3574,
0.4015

 26.7905, 0.3780,
0.4402


 124.4687, 0.3540,
0.3956

 17.4159, 0.3860,
0.4567


 156.8561, 0.3511,
0.3906

 10.5315, 0.3956,
0.4784

194.4245, 0.3486,
0.3863

 5.7528, 0.4063,
0.5073

237.5581, 0.3464,
0.3825

 2.6953, 0.4321,
0.5679

286.6413, 0.3444,

 0.9748, 0.4046,

0.3792

0.5954

342.0586, 0.3427,
0.3763

0.0000, 0.0000,
0.0000

54.5475, 0.3659,
0.4169

54.5475, 0.3659,
0.4169

54.0746, 0.3798,
0.4398

55.1281, 0.3511,
0.3925

53.6960, 0.3921,
0.4602

55.8145, 0.3360,
0.3675

53.4075, 0.4025,
0.4773

56.6144, 0.3210,
0.3428

53.2016, 0.4104,
0.4904


57.5326, 0.3066,
0.3188

53.0695, 0.4157,
0.4992

58.5736, 0.2929,
0.2962

 53.0004, 0.4186,
0.5039

 59.7418, 0.2801,
0.2750

 52.9809, 0.4194,
0.5052

 60.2243, 0.2754,
0.2674

 60.2261, 0.2754,
0.2674

 60.2278, 0.2754,
0.2674

Harmonies

Analogous

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



54.5475, 0.4005, 0.3960



54.5475, 0.3659, 0.4169



54.5475, 0.3186, 0.4118

Triad

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



54.5475, 0.3659, 0.4169



54.5475, 0.2233, 0.2851



54.5475, 0.3509, 0.2862

Complementary

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



54.5475, 0.3659, 0.4169



24.1473, 0.2485, 0.2228

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.



54.5475, 0.3005, 0.2608



54.5475, 0.3659, 0.4169



54.5475, 0.2302, 0.2580

Square

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



54.5475, 0.3659, 0.4169



54.5475, 0.2378, 0.3289



54.5475, 0.2572, 0.2504



54.5475, 0.3927, 0.3216

Rectangle

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



54.5475, 0.3659, 0.4169



54.5475, 0.2866, 0.3918



54.5475, 0.2572, 0.2504



54.5475, 0.3342, 0.2763

Sweetspot

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



54.5500, 0.3659, 0.4169



98.3199, 0.3292, 0.3562



29.1657, 0.3960, 0.3277



21.0040, 0.3313, 0.3596



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.



54.5500, 0.3659, 0.4169



94.8218, 0.3770, 0.4352



50.3770, 0.3365, 0.4262



12.4167, 0.3265, 0.3518



34.0621, 0.4194, 0.5052



1.6130, 0.4193, 0.5052

Inverse Universe

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



24.1473, 0.2485, 0.2228



33.6359, 0.2316, 0.1949



27.2705, 0.2800, 0.2314



10.2878, 0.2983, 0.3051



2.6522, 0.1500, 0.0600



0.1257, 0.1500, 0.0601

Previews

White Background



This preview shows how the Yxy color 54.5475, 0.3659, 0.4169 looks on a white background.

Color Contrast Check

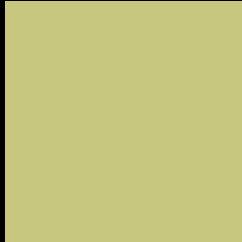
Large Text (above 18pt) WCAG AA × Fail

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 54.5475, 0.3659, 0.4169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

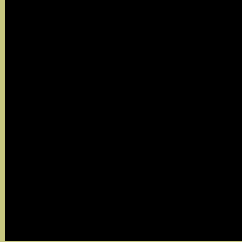
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5475, 0.3659, 0.4169

Background



This preview shows how black text looks on a background with the Yxy color 54.5475, 0.3659, 0.4169.



This preview shows how white text looks on a background with the Yxy color 54.5475, 0.3659, 0.4169.

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

54.5475, 0.3659, 0.4169

Protanopia

54.5336, 0.3804, 0.4113

Deuteranopia

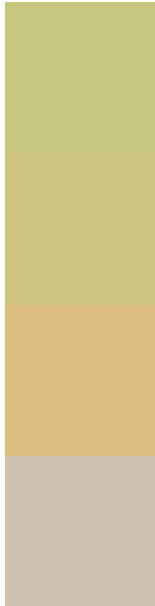
54.0801, 0.3995, 0.3909



Tritanopia

54.5964, 0.3167, 0.3126

Trichromacy



Original Color

54.5475, 0.3659, 0.4169

Protanomaly

54.2776, 0.3748, 0.4126

Deuteranomaly

54.2455, 0.3872, 0.4002

Tritanomaly

54.2537, 0.3357, 0.3497

Monochromacy



Original Color

54.5475, 0.3659, 0.4169

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.8801, 0.3325, 0.3617

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5475, 0.3659, 0.4169 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, 199, 128)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 128)  
}
```

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, 199, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 128) }
```

Border

The CSS property to change the border of an element to Yxy 54.5475, 0.3659, 0.4169 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, 199, 128) }
```

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

```
.border{ border-color:rgb(199, 199, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 128);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5475, 0.3659, 0.4169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 128) }
```

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

```
.background{ background-color: rgb(199,  
199, 128) }
```

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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