

Converting Colors

Yxy(54.4612, 0.3453, 0.3780)

Have a look what the booklet for
Yxy(54.4612, 0.3453, 0.3780)
contains.

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Color

Yxy(54.6462, 0.3455, 0.3786)

Conversions

Conversions Part 1

Format	Color
Hex	C8C59D
RGB	200, 197, 157
RGB Percent	78%, 77%, 62%
CMY	0.2158, 0.2274, 0.3843
CMYK	0.00, 0.01, 0.21, 0.22
HSL	56°, 28%, 70%
HSV	56°, 21%, 78%
XYZ	49.8686, 54.6462, 39.8227
YIQ	193.3370, 14.6280, -11.8040

Conversions

Conversions Part 2

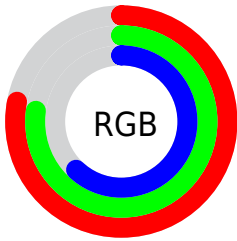
Format	Color
RYB	160, 200, 157
Decimal	13157789
CIELab	78.84, -5.51, 20.48
CIELCh	79, 21.212, 105.047
Yxy	54.6462, 0.3455, 0.3786
Android (android.graphics.Color)	4291347869 (0xFFC8C59D)
YUV	193.3370, -17.9141, 5.8435
Hunter-Lab	73.9231, -8.9490, 19.8063

Details

The Yxy color **54.6462, 0.3455, 0.3786** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.4752, 0.2772, 0.2740**, and the grayscale version is **53.6384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8971, 0.3383, 0.3701**, and **26.7758, 0.3549, 0.3923** is the 20% darker color. If you saturate the color by 10%, you get **53.3950, 0.3613, 0.4020**, and if you desaturate by 10%, it is **56.0198, 0.3299, 0.3552**.

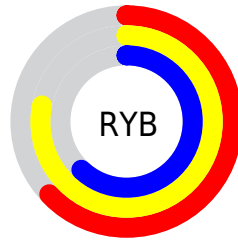
Distribution



Red (78%)

Green (77%)

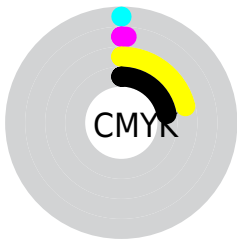
Blue (62%)



Red (63%)

Yellow (78%)

Blue (62%)

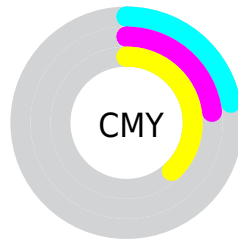


Cyan (0%)

Magenta (1%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (23%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6462, 0.3455, 0.3786 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 54.6462, 0.3455, 0.3786 by changing the saturation by 10% instead.


 54.6462, 0.3455,
0.3786


 54.6462, 0.3455,
0.3786


404.5694, 0.3298,
0.3542

 39.1185, 0.3492,
0.3845


 97.0224, 0.3399,
0.3699

 26.8519, 0.3539,
0.3920


 124.6397, 0.3378,
0.3665

 17.4621, 0.3598,
0.4018


157.0557, 0.3360,
0.3637

 10.5645, 0.3676,
0.4151

194.6547, 0.3344,
0.3613

 5.7748, 0.3783,
0.4340

237.8212, 0.3330,
0.3592

 2.7086, 0.3935,
0.4631

286.9396, 0.3318,

 0.9816, 0.4476,

0.3573

0.5524

342.3942, 0.3307,
0.3557

0.0000, 0.0000,
0.0000

54.6462, 0.3455,
0.3786

54.6462, 0.3455,
0.3786

53.3950, 0.3613,
0.4020

56.0198, 0.3299,
0.3552

52.2535, 0.3767,
0.4245

57.5137, 0.3149,
0.3323

51.2182, 0.3912,
0.4452

59.1350, 0.3007,
0.3105

50.2827, 0.4042,
0.4631

60.8882, 0.2875,
0.2900

49.4397, 0.4150,
0.4773

62.6478, 0.2765,
0.2730

■ 48.6810, 0.4233,
0.4874

■ 63.3080, 0.2766,
0.2746

■ 47.9967, 0.4289,
0.4930

■ 63.9741, 0.2767,
0.2762

■ 47.4573, 0.4320,
0.4952

■ 64.6461, 0.2768,
0.2777

■ 65.3240, 0.2769,
0.2793

Harmonies

Analogous

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



54.6462, 0.3640, 0.3680



54.6462, 0.3455, 0.3786



54.6462, 0.3187, 0.3751

Triad

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



54.6462, 0.3455, 0.3786



54.6462, 0.2601, 0.3061



54.6462, 0.3333, 0.3028

Complementary

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



54.6462, 0.3455, 0.3786



36.4752, 0.2772, 0.2740

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.



54.6462, 0.3047, 0.2877



54.6462, 0.3455, 0.3786



54.6462, 0.2635, 0.2886

Square

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



54.6462, 0.3455, 0.3786



54.6462, 0.2700, 0.3314



54.6462, 0.2794, 0.2824



54.6462, 0.3570, 0.3243

Rectangle

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



54.6462, 0.3455, 0.3786



54.6462, 0.3000, 0.3647



54.6462, 0.2794, 0.2824



54.6462, 0.3239, 0.2969

Sweetspot

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



54.6486, 0.3455, 0.3786



98.3800, 0.3217, 0.3427



38.9541, 0.3521, 0.3245



21.0207, 0.3227, 0.3442



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.



54.6486, 0.3455, 0.3786



93.5497, 0.3532, 0.3901



53.6897, 0.3299, 0.3847



12.2865, 0.3267, 0.3503



30.2351, 0.4318, 0.4953



1.4702, 0.4290, 0.4976

Inverse Universe

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



36.4752, 0.2772, 0.2740



56.2671, 0.2680, 0.2596



37.3920, 0.2924, 0.2724



10.4033, 0.2983, 0.3068



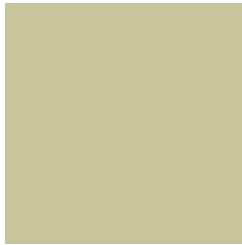
2.8976, 0.1514, 0.0650



0.1792, 0.1562, 0.0821

Previews

White Background



This preview shows how the Yxy color 54.6462, 0.3455, 0.3786 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 54.6462, 0.3455, 0.3786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

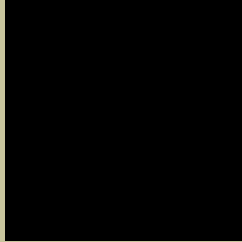
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

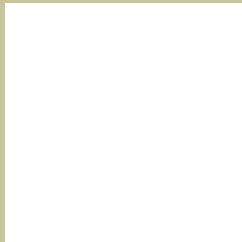
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6462, 0.3455, 0.3786

Background



This preview shows how black text looks on a background with the Yxy color 54.6462, 0.3455, 0.3786.



This preview shows how white text looks on a background with the Yxy color 54.6462, 0.3455, 0.3786.

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

54.6462, 0.3455, 0.3786

Protanopia

54.6959, 0.3528, 0.3766

Deuteranopia

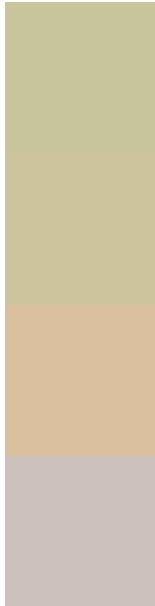
54.2126, 0.3694, 0.3615



Tritanopia

54.3565, 0.3144, 0.3113

Trichromacy



Original Color

54.6462, 0.3455, 0.3786

Protanomaly

54.7175, 0.3500, 0.3781

Deuteranomaly

54.4819, 0.3611, 0.3683

Tritanomaly

54.6081, 0.3255, 0.3351

Monochromacy



Original Color

54.6462, 0.3455, 0.3786

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.6146, 0.3249, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6462, 0.3455, 0.3786 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(200, 197, 157)` looks like.

```
.text, #text, p{  
    color:rgb(200, 197, 157)  
}
```

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(200, 197, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 197, 157) }
```

Border

The CSS property to change the border of an element to Yxy 54.6462, 0.3455, 0.3786 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(200, 197, 157) }
```

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

```
.border{ border-color:rgb(200, 197, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 197, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 197, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 197, 157);  
box-shadow:4px 4px 4px 4px rgb(200, 197,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6462, 0.3455, 0.3786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 197, 157) }
```

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

```
.background{ background-color: rgb(200,  
197, 157) }
```

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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