

Converting Colors

$Yxy(55.4667, 0.3558, 0.3865)$

Have a look what the booklet for
Yxy(55.4667, 0.3558, 0.3865)
contains.

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Color

Yxy(55.2563, 0.3561, 0.3864)

Conversions

Conversions Part 1

Format	Color
Hex	CEC596
RGB	206, 197, 150
RGB Percent	81%, 77%, 59%
CMY	0.1921, 0.2274, 0.4119
CMYK	0.00, 0.04, 0.27, 0.19
HSL	50°, 36%, 70%
HSV	50°, 27%, 81%
XYZ	50.9233, 55.2563, 36.8232
YIQ	194.3330, 20.4510, -12.7090

Conversions

Conversions Part 2

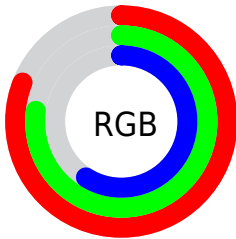
Format	Color
RYB	161, 206, 150
Decimal	13550998
CIELab	79.19, -4.20, 24.78
CIELCh	79, 25.129, 99.620
Yxy	55.2563, 0.3561, 0.3864
Android (android.graphics.Color)	4291741078 (0xFFCEC596)
YUV	194.3330, -21.8562, 10.2320
Hunter-Lab	74.3346, -7.8031, 22.6636

Details

The Yxy color **55.2563, 0.3561, 0.3864** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.7228, 0.2670, 0.2642**, and the grayscale version is **54.2794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5033, 0.3432, 0.3781**, and **27.1251, 0.3669, 0.4007** is the 20% darker color. If you saturate the color by 10%, you get **53.1669, 0.3731, 0.4076**, and if you desaturate by 10%, it is **57.5003, 0.3394, 0.3649**.

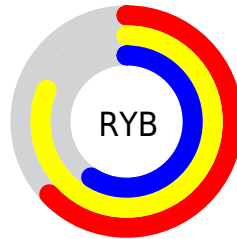
Distribution



Red (81%)

Green (77%)

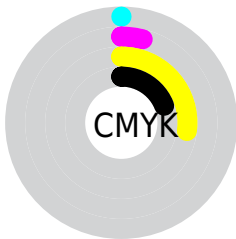
Blue (59%)



Red (63%)

Yellow (81%)

Blue (59%)

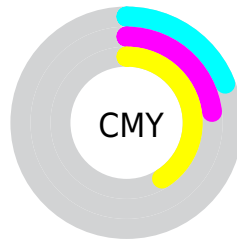


Cyan (0%)

Magenta (4%)

Yellow (27%)

Black (19%)



Cyan (19%)


Magenta (23%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2563, 0.3561, 0.3864 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 55.2563, 0.3561, 0.3864 by changing the saturation by 10% instead.

 55.2563, 0.3561,
0.3864


 55.2563, 0.3561,
0.3864

406.8827, 0.3353,
0.3584

 39.6070, 0.3610,
0.3931


 97.9164, 0.3488,
0.3764

 27.2322, 0.3670,
0.4016


 125.6959, 0.3460,
0.3726

 17.7477, 0.3747,
0.4125


158.2876, 0.3435,
0.3694

 10.7690, 0.3848,
0.4271

196.0759, 0.3415,
0.3666

 5.9117, 0.3982,
0.4473

239.4452, 0.3396,
0.3641

 2.7915, 0.4197,
0.4804

288.7798, 0.3380,

 1.0239, 0.4578,

0.3620

0.5422

344.4642, 0.3366,
0.3601

0.0000, 0.0000,
0.0000

55.2563, 0.3561,
0.3864

55.2563, 0.3561,
0.3864

53.1669, 0.3731,
0.4076

57.5003, 0.3394,
0.3649

51.2184, 0.3900,
0.4277

59.8972, 0.3235,
0.3437

49.4063, 0.4060,
0.4457

62.4551, 0.3087,
0.3234

47.7230, 0.4206,
0.4606

65.1792, 0.2949,
0.3042

46.1599, 0.4329,
0.4715

68.0744, 0.2823,
0.2864

■ 44.7072, 0.4425,
0.4779

■ 69.8907, 0.2814,
0.2880

■ 43.3512, 0.4494,
0.4799

■ 71.6112, 0.2816,
0.2917

■ 42.9822, 0.4510,
0.4801

■ 73.3662, 0.2818,
0.2953

■ 75.1556, 0.2820,
0.2989

Harmonies

Analogous

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



55.2563, 0.3755, 0.3708



55.2563, 0.3561, 0.3864



55.2563, 0.3256, 0.3860

Triad

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



55.2563, 0.3561, 0.3864



55.2563, 0.2520, 0.3065



55.2563, 0.3309, 0.2944

Complementary

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



55.2563, 0.3561, 0.3864



35.7228, 0.2670, 0.2642

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.



55.2563, 0.2972, 0.2787



55.2563, 0.3561, 0.3864



55.2563, 0.2532, 0.2842

Square

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



55.2563, 0.3561, 0.3864



55.2563, 0.2661, 0.3375



55.2563, 0.2692, 0.2747



55.2563, 0.3608, 0.3184

Rectangle

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



55.2563, 0.3561, 0.3864



55.2563, 0.3033, 0.3756



55.2563, 0.2692, 0.2747



55.2563, 0.3196, 0.2881

Sweetspot

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



55.2588, 0.3561, 0.3864



96.6832, 0.3249, 0.3456



37.4399, 0.3614, 0.3173



20.5648, 0.3273, 0.3488



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.



55.2588, 0.3561, 0.3864



87.3957, 0.3667, 0.3997



56.9506, 0.3381, 0.3999



12.7780, 0.3269, 0.3483



26.5857, 0.4505, 0.4805



1.4558, 0.4435, 0.4861

Inverse Universe

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



35.7228, 0.2670, 0.2642



50.2918, 0.2552, 0.2467



34.6564, 0.2817, 0.2547



11.1301, 0.2982, 0.3089



3.5101, 0.1541, 0.0747



0.2749, 0.1629, 0.1065

Previews

White Background



This preview shows how the Yxy color 55.2563, 0.3561, 0.3864 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 55.2563, 0.3561, 0.3864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

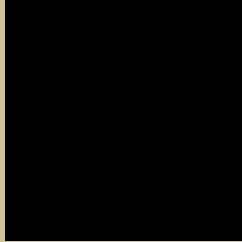
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2563, 0.3561, 0.3864

Background



This preview shows how black text looks on a background with the Yxy color 55.2563, 0.3561, 0.3864.



This preview shows how white text looks on a background with the Yxy color 55.2563, 0.3561, 0.3864.

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

55.2563, 0.3561, 0.3864

Protanopia

55.3514, 0.3606, 0.3858

Deuteranopia

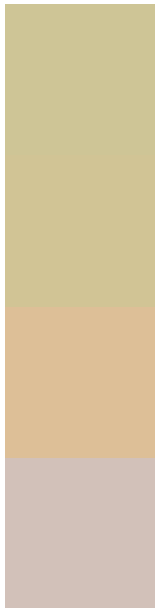
55.0564, 0.3785, 0.3702



Tritanopia

55.3808, 0.3200, 0.3116

Trichromacy



Original Color

55.2563, 0.3561, 0.3864

Protanomaly

55.2051, 0.3598, 0.3859

Deuteranomaly

54.8681, 0.3703, 0.3760

Tritanomaly

55.3443, 0.3328, 0.3386

Monochromacy



Original Color

55.2563, 0.3561, 0.3864

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.2503, 0.3280, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2563, 0.3561, 0.3864 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(206, 197, 150)` looks like.

```
.text, #text, p{  
    color:rgb(206, 197, 150)  
}
```

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(206, 197, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 197, 150) }
```

Border

The CSS property to change the border of an element to Yxy 55.2563, 0.3561, 0.3864 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(206, 197, 150) }
```

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

```
.border{ border-color:rgb(206, 197, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 197, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 197, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 197, 150);  
box-shadow:4px 4px 4px 4px rgb(206, 197,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2563, 0.3561, 0.3864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 197, 150) }
```

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

```
.background{ background-color: rgb(206,  
197, 150) }
```

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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