

Converting Colors

Yxy(54.7475, 0.3897, 0.4432)

Have a look what the booklet for
Yxy(54.7475, 0.3897, 0.4432)
contains.

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Color

Yxy(54.9280, 0.3898, 0.4436)

Conversions

Conversions Part 1

Format	Color
Hex	CEC766
RGB	206, 199, 102
RGB Percent	81%, 78%, 40%
CMY	0.1923, 0.2195, 0.6000
CMYK	0.00, 0.03, 0.50, 0.19
HSL	56°, 51%, 60%
HSV	56°, 50%, 81%
XYZ	48.2663, 54.9280, 20.6290
YIQ	190.0350, 35.3090, -28.6830

Conversions

Conversions Part 2

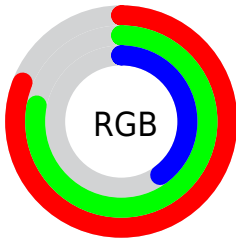
Format	Color
RYB	110, 206, 102
Decimal	13551462
CIELab	79.00, -10.57, 48.92
CIELCh	79, 50.054, 102.196
Yxy	54.9280, 0.3898, 0.4436
Android (android.graphics.Color)	4291741542 (0xFFCEC766)
YUV	190.0350, -43.4013, 14.0013
Hunter-Lab	74.1134, -13.4505, 35.3764

Details

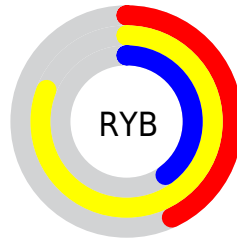
The Yxy color **54.9280, 0.3898, 0.4436** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.2037, 0.2186, 0.1802**, and the grayscale version is **51.7517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1466, 0.3717, 0.4265**, and **26.9738, 0.4060, 0.4701** is the 20% darker color. If you saturate the color by 10%, you get **53.9417, 0.4029, 0.4619**, and if you desaturate by 10%, it is **56.0266, 0.3752, 0.4226**.

Distribution



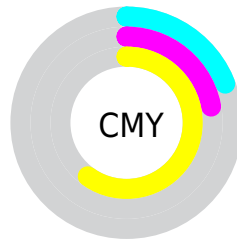
- Red (81%)
- Green (78%)
- Blue (40%)



- Red (43%)
- Yellow (81%)
- Blue (40%)



- Cyan (0%)
- Magenta (3%)
- Yellow (50%)
- Black (19%)





- Cyan (19%)
- Magenta (22%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9280, 0.3898, 0.4436 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 54.9280, 0.3898, 0.4436 by changing the saturation by 10% instead.


 54.9280, 0.3898,
0.4436


 54.9280, 0.3898,
0.4436


405.6389, 0.3548,
0.3885

 39.3441, 0.3971,
0.4561


 97.4355, 0.3781,
0.4244


 27.0275, 0.4054,
0.4713


 125.1278, 0.3734,
0.4169

 17.5939, 0.4148,
0.4898


 157.6250, 0.3693,
0.4105

 10.6588, 0.4245,
0.5122

 195.3116, 0.3657,
0.4049

 5.8379, 0.4423,
0.5506

238.5719, 0.3625,
0.4001

 2.7468, 0.4332,
0.5668

287.7903, 0.3596,

 1.0010, 0.4076,

0.3958

0.5924

343.3512, 0.3571,
0.3919

0.0000, 0.0000,
0.0000

54.9280, 0.3898,
0.4436

54.9280, 0.3898,
0.4436

53.9417, 0.4029,
0.4619

56.0266, 0.3752,
0.4226

53.0524, 0.4139,
0.4765

57.2367, 0.3597,
0.3999

52.2539, 0.4224,
0.4870

58.5673, 0.3439,
0.3764

51.5357, 0.4282,
0.4931

60.0241, 0.3284,
0.3529

50.9082, 0.4316,
0.4955

61.6124, 0.3134,
0.3301

■ 63.3375, 0.2993,
0.3083

■ 65.2041, 0.2861,
0.2879

■ 66.4355, 0.2809,
0.2804

■ 67.1171, 0.2810,
0.2820

Harmonies

Analogous

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



54.9280, 0.4332, 0.4083



54.9280, 0.3898, 0.4436



54.9280, 0.3283, 0.4466

Triad

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



54.9280, 0.3898, 0.4436



54.9280, 0.1974, 0.2761



54.9280, 0.3530, 0.2670

Complementary

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



54.9280, 0.3898, 0.4436



18.2037, 0.2186, 0.1802

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.



54.9280, 0.2859, 0.2374



54.9280, 0.3898, 0.4436



54.9280, 0.2023, 0.2386

Square

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



54.9280, 0.3898, 0.4436



54.9280, 0.2190, 0.3376



54.9280, 0.2326, 0.2267



54.9280, 0.4135, 0.3101

Rectangle

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



54.9280, 0.3898, 0.4436



54.9280, 0.2856, 0.4236



54.9280, 0.2326, 0.2267



54.9280, 0.3302, 0.2553

Sweetspot

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



54.9305, 0.3898, 0.4436



96.1590, 0.3357, 0.3640



23.7594, 0.4430, 0.3185



20.4749, 0.3390, 0.3690



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.



54.9305, 0.3898, 0.4436



87.2448, 0.4044, 0.4640



52.8296, 0.3494, 0.4675



12.9635, 0.3267, 0.3504



31.4195, 0.4314, 0.4957



1.6604, 0.4288, 0.4977

Inverse Universe

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



18.2037, 0.2186, 0.1802



21.0132, 0.1960, 0.1430



20.0062, 0.2548, 0.1846



10.9622, 0.2982, 0.3067



2.9847, 0.1513, 0.0647



0.1970, 0.1557, 0.0803

Previews

White Background



This preview shows how the Yxy color 54.9280, 0.3898, 0.4436 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 54.9280, 0.3898, 0.4436 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 54.9280, 0.3898, 0.4436

Background



This preview shows how black text looks on a background with the Yxy color 54.9280, 0.3898, 0.4436.



This preview shows how white text looks on a background with the Yxy color 54.9280, 0.3898, 0.4436.

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

54.9280, 0.3898, 0.4436

Protanopia

55.0184, 0.4010, 0.4377

Deuteranopia

54.4885, 0.4248, 0.4155



Tritanopia

54.8296, 0.3250, 0.3129

Trichromacy



Original Color

54.9280, 0.3898, 0.4436

Protanomaly

54.8691, 0.3969, 0.4403

Deuteranomaly

54.5920, 0.4118, 0.4257

Tritanomaly

54.4495, 0.3499, 0.3603

Monochromacy



Original Color

54.9280, 0.3898, 0.4436

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.3443, 0.3422, 0.3732

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9280, 0.3898, 0.4436 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, 199, 102)` looks like.

```
.text, #text, p{  
    color:rgb(206, 199, 102)  
}
```

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, 199, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 199, 102) }
```

Border

The CSS property to change the border of an element to Yxy 54.9280, 0.3898, 0.4436 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, 199, 102) }
```

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

```
.border{ border-color:rgb(206, 199, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 199, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 199, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 199, 102);  
box-shadow:4px 4px 4px 4px rgb(206, 199,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9280, 0.3898, 0.4436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 199, 102) }
```

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

```
.background{ background-color: rgb(206,  
199, 102) }
```

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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