

Converting Colors

$Yxy(52.9876, 0.3927, 0.4655)$

Have a look what the booklet for
Yxy(52.9876, 0.3927, 0.4655)
contains.

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Color

Yxy(52.7485, 0.3930, 0.4656)

Conversions

Conversions Part 1

Format	Color
Hex	C4C653
RGB	196, 198, 83
RGB Percent	77%, 78%, 33%
CMY	0.2313, 0.2235, 0.6745
CMYK	0.01, 0.00, 0.58, 0.22
HSL	61°, 50%, 55%
HSV	61°, 58%, 78%
XYZ	44.5235, 52.7485, 16.0194
YIQ	184.2920, 35.7230, -36.1890

Conversions

Conversions Part 2

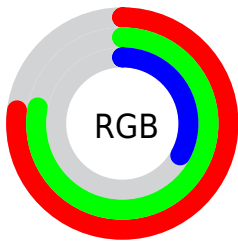
Format	Color
R _Y B	83, 198, 85
Decimal	12895827
CIE Lab	77.73, -15.67, 56.01
CIE LCh	78, 58.166, 105.634
Yxy	52.7485, 0.3930, 0.4656
Android (android.graphics.Color)	4291085907 (0xFFC4C653)
YUV	184.2920, -49.9370, 10.2679
Hunter-Lab	72.6282, -17.6727, 37.7623

Details

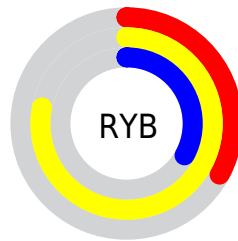
The Yxy color **52.7485, 0.3930, 0.4656** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **12.1960, 0.2025, 0.1450**, and the grayscale version is **48.3723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5861, 0.3814, 0.4426**, and **25.6011, 0.4078, 0.4975** is the 20% darker color. If you saturate the color by 10%, you get **52.4417, 0.4025, 0.4821**, and if you desaturate by 10%, it is **53.1476, 0.3814, 0.4456**.

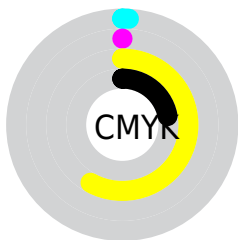
Distribution



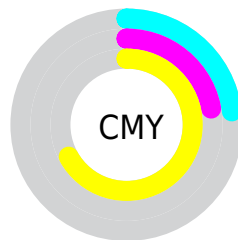
- Red (77%)
- Green (78%)
- Blue (33%)



- Red (33%)
- Yellow (78%)
- Blue (33%)



- Cyan (1%)
- Magenta (0%)
- Yellow (58%)
- Black (22%)





- Cyan (23%)
- Magenta (22%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7485, 0.3930, 0.4656 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 52.7485, 0.3930, 0.4656 by changing the saturation by 10% instead.


 52.7485, 0.3930,
0.4656

 52.7485, 0.3930,
0.4656


397.3195, 0.3577,
0.3996

 37.6020, 0.3997,
0.4804


 94.2342, 0.3817,
0.4427


 25.6740, 0.4069,
0.4982


 121.3422, 0.3769,
0.4337


 16.5799, 0.4139,
0.5195


 153.2062, 0.3728,
0.4260

 9.9354, 0.4200,
0.5453

 190.2105, 0.3690,
0.4193

 5.3562, 0.4228,
0.5772

 232.7396, 0.3657,
0.4134

 2.4577, 0.4030,
0.5970

281.1779, 0.3628,

 0.8553, 0.3347,

0.4083

0.6653

335.9097, 0.3601,
0.4037

0.0000, 0.0000,
0.0000

52.7485, 0.3930,
0.4656

52.7485, 0.3930,
0.4656

52.4417, 0.4025,
0.4821

53.1476, 0.3814,
0.4456

52.2122, 0.4095,
0.4946

53.6385, 0.3681,
0.4229

52.0535, 0.4139,
0.5027

54.2296, 0.3539,
0.3986

51.9520, 0.4160,
0.5070

54.9266, 0.3391,
0.3735

51.9350, 0.4163,
0.5076

55.7346, 0.3243,
0.3486

■ 56.6585, 0.3100,
0.3244

■ 57.7028, 0.2963,
0.3015

■ 58.8718, 0.2836,
0.2800

■ 59.7632, 0.2754,
0.2662

Harmonies

Analogous

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



52.7485, 0.4481, 0.4243



52.7485, 0.3930, 0.4656



52.7485, 0.3203, 0.4668

Triad

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



52.7485, 0.3930, 0.4656



52.7485, 0.1793, 0.2594



52.7485, 0.3687, 0.2622

Complementary

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



52.7485, 0.3930, 0.4656



12.1960, 0.2025, 0.1450

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.



52.7485, 0.2891, 0.2267



52.7485, 0.3930, 0.4656



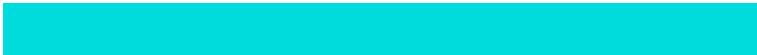
52.7485, 0.1884, 0.2211

Square

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



52.7485, 0.3930, 0.4656



52.7485, 0.1995, 0.3284



52.7485, 0.2255, 0.2117



52.7485, 0.4378, 0.3120

Rectangle

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



52.7485, 0.3930, 0.4656



52.7485, 0.2716, 0.4356



52.7485, 0.2255, 0.2117



52.7485, 0.3418, 0.2484

Sweetspot

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



52.7509, 0.3930, 0.4656



97.3741, 0.3379, 0.3715



19.1157, 0.4877, 0.3319



20.7841, 0.3409, 0.3766



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.



52.7509, 0.3930, 0.4656



92.7289, 0.4048, 0.4863



46.4667, 0.3431, 0.4930



12.4073, 0.3263, 0.3518



33.7785, 0.4164, 0.5076



1.6025, 0.4170, 0.5071

Inverse Universe

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



12.1960, 0.2025, 0.1450



14.1454, 0.1785, 0.1054



16.0531, 0.2559, 0.1676



10.2961, 0.2985, 0.3051



2.6697, 0.1506, 0.0603



0.1295, 0.1528, 0.0616

Previews

White Background



This preview shows how the Yxy color 52.7485, 0.3930, 0.4656 looks on a white background.

Color Contrast Check

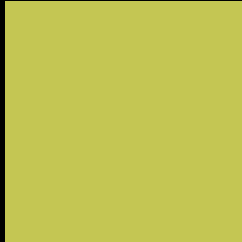
Large Text (above 18pt) WCAG AA × Fail

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 52.7485, 0.3930, 0.4656 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 52.7485, 0.3930, 0.4656

Background



This preview shows how black text looks on a background with the Yxy color 52.7485, 0.3930, 0.4656.



This preview shows how white text looks on a background with the Yxy color 52.7485, 0.3930, 0.4656.

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

52.7485, 0.3930, 0.4656

Protanopia

52.5895, 0.4142, 0.4531

Deuteranopia

52.5596, 0.4375, 0.4291



Tritanopia

52.6978, 0.3201, 0.3124

Trichromacy



Original Color

52.7485, 0.3930, 0.4656

Protanomaly

52.4582, 0.4060, 0.4575

Deuteranomaly

52.1679, 0.4212, 0.4413

Tritanomaly

52.0986, 0.3507, 0.3699

Monochromacy



Original Color

52.7485, 0.3930, 0.4656

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.1931, 0.3449, 0.3838

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7485, 0.3930, 0.4656 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(196, 198, 83)` looks like.

```
.text, #text, p{  
    color:rgb(196, 198, 83)  
}
```

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(196, 198, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 198, 83) }
```

Border

The CSS property to change the border of an element to Yxy 52.7485, 0.3930, 0.4656 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(196, 198, 83) }
```

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

```
.border{ border-color:rgb(196, 198, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 198, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 198, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 198, 83);  
box-shadow:4px 4px 4px 4px rgb(196, 198,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7485, 0.3930, 0.4656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 198, 83) }
```

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

```
.background{ background-color: rgb(196,  
198, 83) }
```

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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