

Converting Colors

$Yxy(53.1640, 0.3752, 0.4384)$

Have a look what the booklet for
Yxy(53.1640, 0.3752, 0.4384)
contains.

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Color

Yxy(53.1161, 0.3754, 0.4381)

Conversions

Conversions Part 1

Format	Color
Hex	C3C66E
RGB	195, 198, 110
RGB Percent	76%, 78%, 43%
CMY	0.2353, 0.2235, 0.5685
CMYK	0.02, 0.00, 0.44, 0.22
HSL	62°, 44%, 60%
HSV	62°, 44%, 78%
XYZ	45.5142, 53.1161, 22.6116
YIQ	187.0710, 26.4600, -28.0040

Conversions

Conversions Part 2

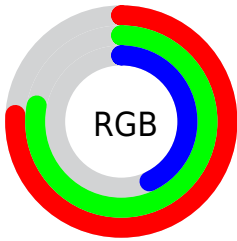
Format	Color
RYB	110, 198, 113
Decimal	12830318
CIELab	77.94, -13.75, 43.53
CIELCh	78, 45.655, 107.531
Yxy	53.1161, 0.3754, 0.4381
Android (android.graphics.Color)	4291020398 (0xFFC3C66E)
YUV	187.0710, -37.9960, 6.9537
Hunter-Lab	72.8808, -16.0677, 32.6215

Details

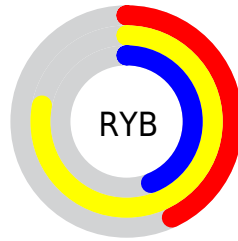
The Yxy color **53.1161, 0.3754, 0.4381** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.7476, 0.2324, 0.1929**, and the grayscale version is **49.9455, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0470, 0.3658, 0.4195**, and **25.8377, 0.3895, 0.4664** is the 20% darker color. If you saturate the color by 10%, you get **52.6441, 0.3874, 0.4595**, and if you desaturate by 10%, it is **53.6897, 0.3620, 0.4145**.

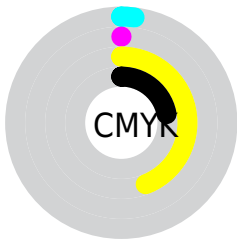
Distribution



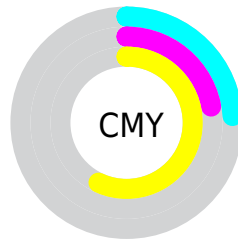
- Red (76%)
- Green (78%)
- Blue (43%)



- Red (43%)
- Yellow (78%)
- Blue (44%)



- Cyan (2%)
- Magenta (0%)
- Yellow (44%)
- Black (22%)





- Cyan (24%)
- Magenta (22%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1161, 0.3754, 0.4381 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 53.1161, 0.3754, 0.4381 by changing the saturation by 10% instead.


 53.1161, 0.3754,
0.4381

 53.1161, 0.3754,
0.4381

398.7304, 0.3467,
0.3845

 37.8955, 0.3814,
0.4508


 94.7752, 0.3658,
0.4190

 25.9016, 0.3884,
0.4665


 121.9824, 0.3619,
0.4117

 16.7500, 0.3964,
0.4863


 153.9540, 0.3585,
0.4055

 10.0564, 0.4048,
0.5114

 191.0743, 0.3556,
0.4001

 5.4364, 0.4170,
0.5501

233.7276, 0.3530,
0.3955

 2.5055, 0.4141,
0.5859

282.2985, 0.3507,

 0.8794, 0.3625,

0.3913

0.6375

337.1713, 0.3486,
0.3877

0.0000, 0.0000,
0.0000

53.1161, 0.3754,
0.4381

53.1161, 0.3754,
0.4381

52.6441, 0.3874,
0.4595

53.6897, 0.3620,
0.4145

52.2600, 0.3974,
0.4777

54.3635, 0.3478,
0.3896

51.9589, 0.4050,
0.4921


55.1454, 0.3333,
0.3645

51.7324, 0.4101,
0.5021

56.0405, 0.3189,
0.3397

51.5702, 0.4126,
0.5079


57.0535, 0.3051,
0.3159

 51.4969, 0.4134,
0.5100

 58.1887, 0.2920,
0.2935

 59.4505, 0.2797,
0.2727

 59.9475, 0.2763,
0.2664

 60.0413, 0.2768,
0.2665

Harmonies

Analogous

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



53.1161, 0.4193, 0.4105



53.1161, 0.3754, 0.4381



53.1161, 0.3170, 0.4328

Triad

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



53.1161, 0.3754, 0.4381



53.1161, 0.2043, 0.2726



53.1161, 0.3612, 0.2778

Complementary

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



53.1161, 0.3754, 0.4381



18.7476, 0.2324, 0.1929

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.



53.1161, 0.2987, 0.2473



53.1161, 0.3754, 0.4381



53.1161, 0.2132, 0.2415

Square

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



53.1161, 0.3754, 0.4381



53.1161, 0.2204, 0.3262



53.1161, 0.2458, 0.2339



53.1161, 0.4131, 0.3199

Rectangle

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



53.1161, 0.3754, 0.4381



53.1161, 0.2781, 0.4070



53.1161, 0.2458, 0.2339



53.1161, 0.3404, 0.2660

Sweetspot

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



53.1185, 0.3754, 0.4381



97.8314, 0.3315, 0.3614



24.9335, 0.4278, 0.3332



20.8687, 0.3347, 0.3670



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.



53.1185, 0.3754, 0.4381



93.2657, 0.3867, 0.4582



48.1043, 0.3375, 0.4536



12.3978, 0.3260, 0.3519



33.4956, 0.4134, 0.5099



1.5919, 0.4147, 0.5089

Inverse Universe

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



18.7476, 0.2324, 0.1929



24.9375, 0.2127, 0.1601



22.3974, 0.2740, 0.2069



10.3045, 0.2988, 0.3051



2.6876, 0.1512, 0.0607



0.1334, 0.1555, 0.0631

Previews

White Background



This preview shows how the Yxy color 53.1161, 0.3754, 0.4381 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 53.1161, 0.3754, 0.4381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

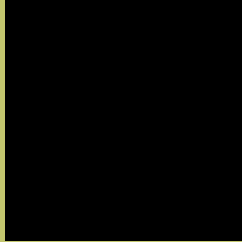
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1161, 0.3754, 0.4381

Background



This preview shows how black text looks on a background with the Yxy color 53.1161, 0.3754, 0.4381.



This preview shows how white text looks on a background with the Yxy color 53.1161, 0.3754, 0.4381.

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

53.1161, 0.3754, 0.4381

Protanopia

53.2197, 0.3945, 0.4291

Deuteranopia

52.9657, 0.4157, 0.4074



Tritanopia

52.7841, 0.3160, 0.3112

Trichromacy



Original Color

53.1161, 0.3754, 0.4381

Protanomaly

53.2562, 0.3874, 0.4322

Deuteranomaly

52.7807, 0.4010, 0.4180

Tritanomaly

52.5437, 0.3382, 0.3563

Monochromacy



Original Color

53.1161, 0.3754, 0.4381

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.7120, 0.3367, 0.3702

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1161, 0.3754, 0.4381 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(195, 198, 110)` looks like.

```
.text, #text, p{  
    color:rgb(195, 198, 110)  
}
```

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(195, 198, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 198, 110) }
```

Border

The CSS property to change the border of an element to Yxy 53.1161, 0.3754, 0.4381 is called "border". The border property can be set on classes, ids or directly on the HTML element.

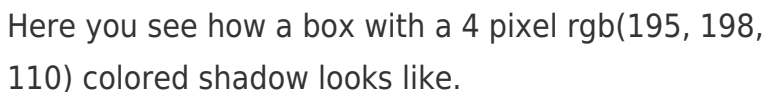
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 198, 110) }
```

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

```
.border{ border-color:rgb(195, 198, 110) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 198, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 198, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 198, 110);  
box-shadow:4px 4px 4px 4px rgb(195, 198,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1161, 0.3754, 0.4381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 198, 110) }
```

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

```
.background{ background-color: rgb(195,  
198, 110) }
```

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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