

Converting Colors

$Yxy(53.2120, 0.3871, 0.4557)$

Have a look what the booklet for
Yxy(53.2120, 0.3871, 0.4557)
contains.

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Color

Yxy(53.0488, 0.3881, 0.4555)

Conversions

Conversions Part 1

Format	Color
Hex	C5C65D
RGB	197, 198, 93
RGB Percent	77%, 78%, 36%
CMY	0.2274, 0.2235, 0.6353
CMYK	0.00, 0.00, 0.53, 0.22
HSL	61°, 48%, 57%
HSV	61°, 53%, 78%
XYZ	45.1992, 53.0488, 18.2148
YIQ	185.7310, 33.1090, -32.8670

Conversions

Conversions Part 2

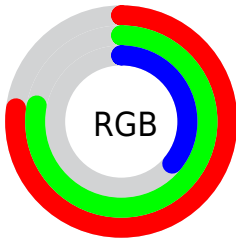
Format	Color
R_{YB}	93, 198, 94
Decimal	12961373
CIE _{Lab}	77.90, -14.49, 51.70
CIE _{LCh}	78, 53.693, 105.652
Yxy	53.0488, 0.3881, 0.4555
Android (android.graphics.Color)	4291151453 (0xFFC5C65D)
YUV	185.7310, -45.7164, 9.8829
Hunter-Lab	72.8346, -16.6882, 36.1567

Details

The Yxy color **53.0488, 0.3881, 0.4555** 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 **14.2871, 0.2123, 0.1620**, and the grayscale version is **49.1941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8553, 0.3766, 0.4347**, and **25.7624, 0.4030, 0.4865** is the 20% darker color. If you saturate the color by 10%, you get **52.7195, 0.3989, 0.4738**, and if you desaturate by 10%, it is **53.4738, 0.3754, 0.4342**.

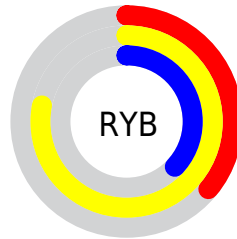
Distribution



Red (77%)

Green (78%)

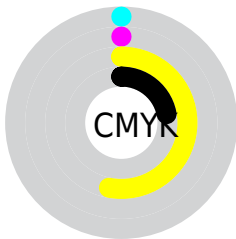
Blue (36%)



Red (36%)

Yellow (78%)

Blue (37%)

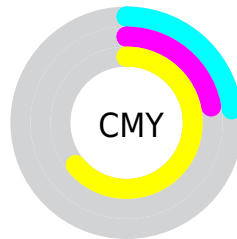


Cyan (0%)

Magenta (0%)

Yellow (53%)

Black (22%)



Cyan (23%)


Magenta (22%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0488, 0.3881, 0.4555 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 53.0488, 0.3881, 0.4555 by changing the saturation by 10% instead.


 53.0488, 0.3881,
0.4555


 53.0488, 0.3881,
0.4555


398.4723, 0.3544,
0.3941

 37.8417, 0.3948,
0.4696

 94.6762, 0.3771,
0.4340


 25.8599, 0.4022,
0.4866

 121.8653, 0.3725,
0.4256

 16.7188, 0.4101,
0.5073

 153.8171, 0.3686,
0.4185

 10.0342, 0.4171,
0.5323

 190.9162, 0.3650,
0.4123

 5.4217, 0.4281,
0.5719

233.5469, 0.3619,
0.4069

 2.4967, 0.4100,
0.5900

282.0935, 0.3591,

 0.8750, 0.3533,

0.4021

0.6467

336.9405, 0.3566,
0.3978

0.0000, 0.0000,
0.0000

53.0488, 0.3881,
0.4555

53.0488, 0.3881,
0.4555

52.7195, 0.3989,
0.4738

53.4738, 0.3754,
0.4342

52.4715, 0.4073,
0.4882

53.9936, 0.3615,
0.4106

52.2989, 0.4131,
0.4983

54.6166, 0.3467,
0.3859

52.1919, 0.4165,
0.5042

55.3479, 0.3318,
0.3609

52.1433, 0.4177,
0.5065

56.1927, 0.3171,
0.3363

■ 57.1556, 0.3029,
0.3127

■ 58.2411, 0.2896,
0.2904

■ 59.4532, 0.2772,
0.2697

■ 59.7076, 0.2751,
0.2662

Harmonies

Analogous

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



53.0488, 0.4386, 0.4188



53.0488, 0.3881, 0.4555



53.0488, 0.3206, 0.4549

Triad

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



53.0488, 0.3881, 0.4555



53.0488, 0.1882, 0.2651



53.0488, 0.3647, 0.2670

Complementary

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



53.0488, 0.3881, 0.4555



14.2871, 0.2123, 0.1620

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.



53.0488, 0.2913, 0.2335



53.0488, 0.3881, 0.4555



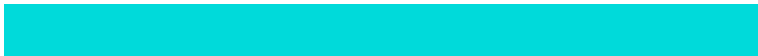
53.0488, 0.1967, 0.2288

Square

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



53.0488, 0.3881, 0.4555



53.0488, 0.2076, 0.3291



53.0488, 0.2318, 0.2195



53.0488, 0.4280, 0.3140

Rectangle

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



53.0488, 0.3881, 0.4555



53.0488, 0.2753, 0.4262



53.0488, 0.2318, 0.2195



53.0488, 0.3399, 0.2540

Sweetspot

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



53.0512, 0.3881, 0.4555



97.5728, 0.3366, 0.3689



20.6268, 0.4661, 0.3295



20.8260, 0.3397, 0.3741



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.



53.0512, 0.3881, 0.4555



93.2601, 0.4007, 0.4769



47.2445, 0.3432, 0.4778



12.4118, 0.3264, 0.3518



33.9123, 0.4177, 0.5065



1.6074, 0.4181, 0.5062

Inverse Universe

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



14.2871, 0.2123, 0.1620



17.1841, 0.1885, 0.1226



17.9735, 0.2604, 0.1809



10.2921, 0.2984, 0.3051



2.6614, 0.1503, 0.0602



0.1277, 0.1515, 0.0608

Previews

White Background



This preview shows how the Yxy color 53.0488, 0.3881, 0.4555 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 53.0488, 0.3881, 0.4555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

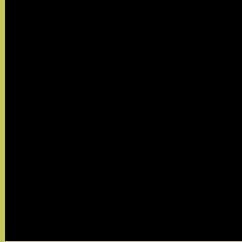
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0488, 0.3881, 0.4555

Background



This preview shows how black text looks on a background with the Yxy color 53.0488, 0.3881, 0.4555.



This preview shows how white text looks on a background with the Yxy color 53.0488, 0.3881, 0.4555.

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

53.0488, 0.3881, 0.4555

Protanopia

53.0414, 0.4066, 0.4456

Deuteranopia

52.7346, 0.4308, 0.4206



Tritanopia

52.7448, 0.3194, 0.3113

Trichromacy



Original Color

53.0488, 0.3881, 0.4555

Protanomaly

53.0683, 0.3994, 0.4492

Deuteranomaly

52.3406, 0.4148, 0.4323

Tritanomaly

52.2729, 0.3467, 0.3636

Monochromacy



Original Color

53.0488, 0.3881, 0.4555

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.0411, 0.3424, 0.3781

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0488, 0.3881, 0.4555 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(197, 198, 93)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 93)  
}
```

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(197, 198, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 93) }
```

Border

The CSS property to change the border of an element to Yxy 53.0488, 0.3881, 0.4555 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(197, 198, 93) }
```

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

```
.border{ border-color:rgb(197, 198, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 198, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 93);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0488, 0.3881, 0.4555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 93) }
```

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

```
.background{ background-color: rgb(197,  
198, 93) }
```

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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