

Converting Colors

$Yxy(53.0617, 0.3703, 0.4461)$

Have a look what the booklet for
Yxy(53.0617, 0.3703, 0.4461)
contains.

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Color

Yxy(53.0615, 0.3703, 0.4461)

Conversions

Conversions Part 1

Format	Color
Hex	BCC86B
RGB	188, 200, 107
RGB Percent	74%, 78%, 42%
CMY	0.2628, 0.2157, 0.5803
CMYK	0.06, 0.00, 0.46, 0.22
HSL	68°, 46%, 60%
HSV	68°, 46%, 78%
XYZ	44.0454, 53.0615, 21.8384
YIQ	185.8100, 22.7010, -31.4670

Conversions

Conversions Part 2

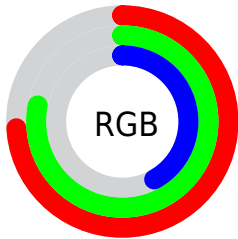
Format	Color
RYB	107, 200, 119
Decimal	12372075
CIELab	77.91, -17.87, 44.84
CIELCh	78, 48.273, 111.724
Yxy	53.0615, 0.3703, 0.4461
Android (android.graphics.Color)	4290562155 (0xFFBCC86B)
YUV	185.8100, -38.8533, 1.9206
Hunter-Lab	72.8433, -19.5440, 33.2152

Details

The Yxy color **53.0615, 0.3703, 0.4461** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.6184, 0.2355, 0.1882**, and the grayscale version is **49.2044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6509, 0.3627, 0.4240**, and **25.8298, 0.3818, 0.4772** is the 20% darker color. If you saturate the color by 10%, you get **52.3648, 0.3802, 0.4686**, and if you desaturate by 10%, it is **53.8663, 0.3589, 0.4215**.

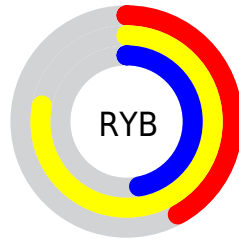
Distribution



Red (74%)

Green (78%)

Blue (42%)



Red (42%)

Yellow (78%)

Blue (47%)

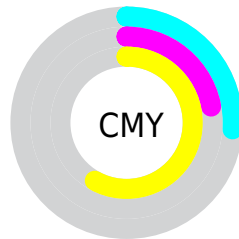


Cyan (6%)

Magenta (0%)

Yellow (46%)

Black (22%)



Cyan (26%)


Magenta (22%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0615, 0.3703, 0.4461 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 53.0615, 0.3703, 0.4461 by changing the saturation by 10% instead.

 53.0615, 0.3703,
0.4461


 53.0615, 0.3703,
0.4461

398.5210, 0.3445,
0.3881

 37.8519, 0.3755,
0.4599


 94.6949, 0.3618,
0.4254


 25.8677, 0.3814,
0.4772


 121.8874, 0.3583,
0.4175

 16.7247, 0.3878,
0.4989


 153.8430, 0.3553,
0.4108

 10.0384, 0.3938,
0.5267

 190.9460, 0.3526,
0.4050

 5.4244, 0.4038,
0.5720

233.5810, 0.3502,
0.3999

 2.4984, 0.3913,
0.6087

282.1322, 0.3481,

 0.8758, 0.3115,

0.3955

0.6885

336.9841, 0.3462,
0.3916

0.0000, 0.0000,
0.0000

53.0615, 0.3703,
0.4461

53.0615, 0.3703,
0.4461

52.3648, 0.3802,
0.4686

53.8663, 0.3589,
0.4215

51.7620, 0.3880,
0.4881

54.7781, 0.3465,
0.3958

51.2480, 0.3935,
0.5036


55.8051, 0.3337,
0.3700


50.8138, 0.3963,
0.5147


56.9525, 0.3209,
0.3448

50.4476, 0.3968,
0.5214


58.2252, 0.3084,
0.3207

 50.3273, 0.3966,
0.5233

 59.6278, 0.2965,
0.2981

 61.1649, 0.2853,
0.2773

 62.0407, 0.2821,
0.2696

 62.4203, 0.2839,
0.2699

Harmonies

Analogous

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



53.0615, 0.4200, 0.4199



53.0615, 0.3703, 0.4461



53.0615, 0.3080, 0.4352

Triad

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



53.0615, 0.3703, 0.4461



53.0615, 0.1986, 0.2631



53.0615, 0.3728, 0.2806

Complementary

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



53.0615, 0.3703, 0.4461



18.6184, 0.2355, 0.1882

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.



53.0615, 0.3067, 0.2467



53.0615, 0.3703, 0.4461



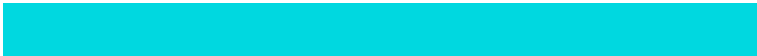
53.0615, 0.2115, 0.2343

Square

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



53.0615, 0.3703, 0.4461



53.0615, 0.2116, 0.3166



53.0615, 0.2488, 0.2299



53.0615, 0.4244, 0.3258

Rectangle

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



53.0615, 0.3703, 0.4461



53.0615, 0.2679, 0.4042



53.0615, 0.2488, 0.2299



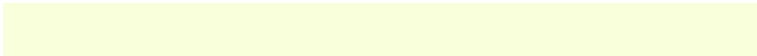
53.0615, 0.3511, 0.2677

Sweetspot

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



53.0639, 0.3703, 0.4461



97.0451, 0.3308, 0.3641



26.2711, 0.4308, 0.3436



20.6824, 0.3336, 0.3697



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.



53.0639, 0.3703, 0.4461



90.6184, 0.3805, 0.4693



48.1851, 0.3320, 0.4626



12.3448, 0.3246, 0.3520



32.0245, 0.3969, 0.5230



1.5363, 0.4019, 0.5191

Inverse Universe

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



18.6184, 0.2355, 0.1882



23.6514, 0.2151, 0.1533



22.6241, 0.2797, 0.2037



10.3521, 0.3002, 0.3053



2.8121, 0.1554, 0.0629



0.1553, 0.1703, 0.0712

Previews

White Background



This preview shows how the Yxy color 53.0615, 0.3703, 0.4461 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 53.0615, 0.3703, 0.4461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

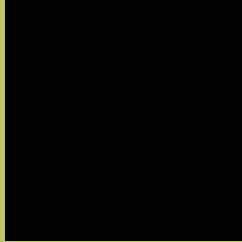
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0615, 0.3703, 0.4461

Background



This preview shows how black text looks on a background with the Yxy color 53.0615, 0.3703, 0.4461.



This preview shows how white text looks on a background with the Yxy color 53.0615, 0.3703, 0.4461.

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

53.0615, 0.3703, 0.4461

Protanopia

53.1365, 0.3973, 0.4333

Deuteranopia

52.9211, 0.4173, 0.4094



Tritanopia

52.8969, 0.3095, 0.3110

Trichromacy



Original Color

53.0615, 0.3703, 0.4461

Protanomaly

53.1963, 0.3869, 0.4386

Deuteranomaly

52.7044, 0.3992, 0.4222

Tritanomaly

52.6066, 0.3328, 0.3592

Monochromacy



Original Color

53.0615, 0.3703, 0.4461

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.2607, 0.3357, 0.3732

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0615, 0.3703, 0.4461 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(188, 200, 107)` looks like.

```
.text, #text, p{  
    color:rgb(188, 200, 107)  
}
```

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(188, 200, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 200, 107) }
```

Border

The CSS property to change the border of an element to Yxy 53.0615, 0.3703, 0.4461 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(188, 200, 107) }
```

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

```
.border{ border-color:rgb(188, 200, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 200, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 200, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 200, 107);  
box-shadow:4px 4px 4px 4px rgb(188, 200,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0615, 0.3703, 0.4461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 200, 107) }
```

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

```
.background{ background-color: rgb(188,  
200, 107) }
```

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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