

Converting Colors

$Yxy(53.6996, 0.3734, 0.4316)$

Have a look what the booklet for
Yxy(53.6996, 0.3734, 0.4316)
contains.

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Color

Yxy(53.4963, 0.3738, 0.4317)

Conversions

Conversions Part 1

Format	Color
Hex	C5C673
RGB	197, 198, 115
RGB Percent	77%, 78%, 45%
CMY	0.2273, 0.2235, 0.5490
CMYK	0.00, 0.00, 0.42, 0.22
HSL	61°, 42%, 61%
HSV	61°, 42%, 78%
XYZ	46.3213, 53.4963, 24.1025
YIQ	188.2390, 26.0470, -26.0250

Conversions

Conversions Part 2

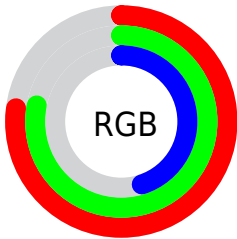
Format	Color
RYB	115, 198, 116
Decimal	12961395
CIELab	78.17, -12.42, 41.37
CIELCh	78, 43.196, 106.706
Yxy	53.4963, 0.3738, 0.4317
Android (android.graphics.Color)	4291151475 (0xFFC5C673)
YUV	188.2390, -36.1068, 7.6834
Hunter-Lab	73.1412, -14.9505, 31.6608

Details

The Yxy color **53.4963, 0.3738, 0.4317** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.0477, 0.2361, 0.2012**, and the grayscale version is **50.6343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6072, 0.3643, 0.4143**, and **26.0790, 0.3872, 0.4573** is the 20% darker color. If you saturate the color by 10%, you get **53.0600, 0.3866, 0.4534**, and if you desaturate by 10%, it is **54.0355, 0.3597, 0.4080**.

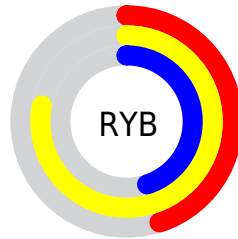
Distribution



Red (77%)

Green (78%)

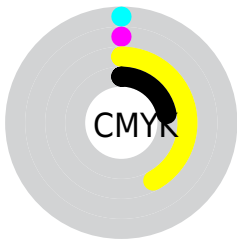
Blue (45%)



Red (45%)

Yellow (78%)

Blue (45%)

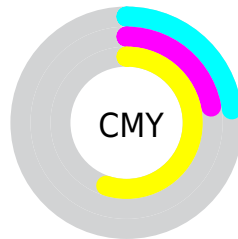


Cyan (0%)

Magenta (0%)

Yellow (42%)

Black (22%)



Cyan (23%)


Magenta (22%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4963, 0.3738, 0.4317 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 53.4963, 0.3738, 0.4317 by changing the saturation by 10% instead.


 53.4963, 0.3738,
0.4317

 53.4963, 0.3738,
0.4317


400.1863, 0.3456,
0.3813


 38.1991, 0.3798,
0.4437


 95.3343, 0.3643,
0.4138

 26.1373, 0.3870,
0.4585


 122.6438, 0.3605,
0.4069

 16.9264, 0.3952,
0.4773


 154.7263, 0.3572,
0.4011

 10.1820, 0.4044,
0.5013

191.9661, 0.3543,
0.3960

 5.5198, 0.4157,
0.5355

234.7476, 0.3517,
0.3916

 2.5554, 0.4219,
0.5781

283.4552, 0.3495,

 0.9043, 0.3809,

0.3877

0.6191

338.4733, 0.3475,
0.3843

0.0000, 0.0000,
0.0000

53.4963, 0.3738,
0.4317

53.4963, 0.3738,
0.4317

53.0600, 0.3866,
0.4534

54.0355, 0.3597,
0.4080

52.7128, 0.3975,
0.4720

54.6759, 0.3450,
0.3832

52.4502, 0.4062,
0.4870

55.4253, 0.3301,
0.3581


52.2640, 0.4123,
0.4976

56.2887, 0.3155,
0.3336

52.1446, 0.4159,
0.5040


57.2708, 0.3014,
0.3101

 52.0824, 0.4173,
0.5068

 58.3759, 0.2882,
0.2880

 59.6081, 0.2760,
0.2676

 59.7296, 0.2753,
0.2662

 59.7609, 0.2754,
0.2662

Harmonies

Analogous

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



53.4963, 0.4146, 0.4057



53.4963, 0.3738, 0.4317



53.4963, 0.3187, 0.4271

Triad

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



53.4963, 0.3738, 0.4317



53.4963, 0.2098, 0.2771



53.4963, 0.3570, 0.2794

Complementary

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



53.4963, 0.3738, 0.4317



20.0477, 0.2361, 0.2012

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.



53.4963, 0.2980, 0.2507



53.4963, 0.3738, 0.4317



53.4963, 0.2176, 0.2466

Square

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



53.4963, 0.3738, 0.4317



53.4963, 0.2260, 0.3282



53.4963, 0.2482, 0.2386



53.4963, 0.4064, 0.3196

Rectangle

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



53.4963, 0.3738, 0.4317



53.4963, 0.2817, 0.4035



53.4963, 0.2482, 0.2386



53.4963, 0.3373, 0.2683

Sweetspot

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



53.4987, 0.3738, 0.4317



97.9733, 0.3320, 0.3613



25.5036, 0.4198, 0.3293



20.9042, 0.3353, 0.3669



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.



53.4987, 0.3738, 0.4317



94.0471, 0.3852, 0.4510



48.7411, 0.3387, 0.4451



12.4105, 0.3263, 0.3518



33.8753, 0.4173, 0.5068



1.6060, 0.4178, 0.5065

Inverse Universe

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



20.0477, 0.2361, 0.2012



27.1932, 0.2172, 0.1700



23.4553, 0.2740, 0.2133



10.2932, 0.2984, 0.3051



2.6637, 0.1504, 0.0602



0.1282, 0.1519, 0.0610

Previews

White Background



This preview shows how the Yxy color 53.4963, 0.3738, 0.4317 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 53.4963, 0.3738, 0.4317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

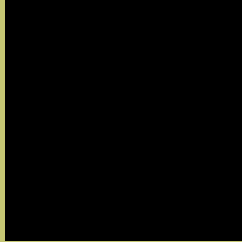
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.4963, 0.3738, 0.4317

Background



This preview shows how black text looks on a background with the Yxy color 53.4963, 0.3738, 0.4317.



This preview shows how white text looks on a background with the Yxy color 53.4963, 0.3738, 0.4317.

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

53.4963, 0.3738, 0.4317

Protanopia

53.3292, 0.3909, 0.4237

Deuteranopia

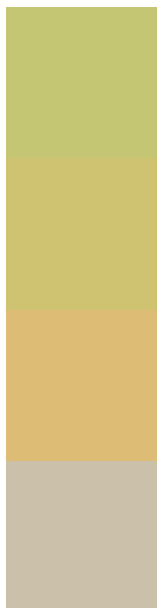
53.0814, 0.4119, 0.4023



Tritanopia

53.4961, 0.3176, 0.3125

Trichromacy



Original Color

53.4963, 0.3738, 0.4317

Protanomaly

53.5105, 0.3847, 0.4264

Deuteranomaly

53.0517, 0.3982, 0.4124

Tritanomaly

53.2981, 0.3390, 0.3561

Monochromacy



Original Color

53.4963, 0.3738, 0.4317

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.3488, 0.3358, 0.3687

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4963, 0.3738, 0.4317 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 115) }
```

Border

The CSS property to change the border of an element to Yxy 53.4963, 0.3738, 0.4317 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, 115) }
```

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

```
.border{ border-color:rgb(197, 198, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 115);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4963, 0.3738, 0.4317 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, 115) }
```

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

```
.background{ background-color: rgb(197,  
198, 115) }
```

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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