

Converting Colors

Yxy(53.3088, 0.3963, 0.4297)

Have a look what the booklet for
Yxy(53.3088, 0.3963, 0.4297)
contains.

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Color

Yxy(53.3476, 0.3961, 0.4298)

Conversions

Conversions Part 1

Format	Color
Hex	D5C16B
RGB	213, 193, 107
RGB Percent	84%, 76%, 42%
CMY	0.1647, 0.2431, 0.5805
CMYK	0.00, 0.09, 0.50, 0.16
HSL	49°, 56%, 63%
HSV	49°, 50%, 84%
XYZ	49.1647, 53.3476, 21.6096
YIQ	189.1760, 39.5260, -22.5060

Conversions

Conversions Part 2

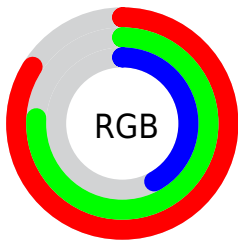
Format	Color
R _{YB}	132, 213, 107
Decimal	14008683
CIE Lab	78.08, -4.15, 45.55
CIE LCh	78, 45.734, 95.205
Yxy	53.3476, 0.3961, 0.4298
Android (android.graphics.Color)	4292198763 (0xFFD5C16B)
YUV	189.1760, -40.5128, 20.8936
Hunter-Lab	73.0394, -7.6662, 33.5859

Details

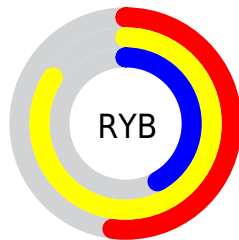
The Yxy color **53.3476, 0.3961, 0.4298** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.1028, 0.2235, 0.2012**, and the grayscale version is **51.2149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5494, 0.3709, 0.4168**, and **26.1096, 0.4144, 0.4546** is the 20% darker color. If you saturate the color by 10%, you get **51.2031, 0.4127, 0.4467**, and if you desaturate by 10%, it is **55.6558, 0.3787, 0.4106**.

Distribution



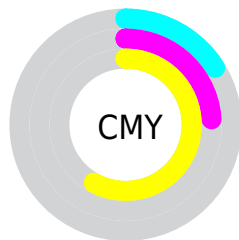
- Red (84%)
- Green (76%)
- Blue (42%)



- Red (52%)
- Yellow (84%)
- Blue (42%)



- Cyan (0%)
- Magenta (9%)
- Yellow (50%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3476, 0.3961, 0.4298 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 53.3476, 0.3961, 0.4298 by changing the saturation by 10% instead.


 53.3476, 0.3961,
0.4298

 53.3476, 0.3961,
0.4298

399.6173, 0.3571,
0.3817


 38.0803, 0.4046,
0.4406


 95.1157, 0.3828,
0.4131


 26.0450, 0.4147,
0.4537


 122.3852, 0.3775,
0.4066

 16.8573, 0.4265,
0.4696


 154.4244, 0.3730,
0.4010

 10.1328, 0.4401,
0.4887

 191.6175, 0.3690,
0.3961

 5.4871, 0.4618,
0.5192

234.3489, 0.3655,
0.3918

 2.5358, 0.4659,
0.5341

283.0031, 0.3624,

 0.8945, 0.4557,

0.3881

0.5443

337.9644, 0.3596,
0.3847

0.0000, 0.0000,
0.0000

53.3476, 0.3961,
0.4298

53.3476, 0.3961,
0.4298

51.2031, 0.4127,
0.4467

55.6558, 0.3787,
0.4106

49.2061, 0.4276,
0.4602

58.1279, 0.3611,
0.3901

47.3495, 0.4403,
0.4696

60.7737, 0.3440,
0.3692

45.6215, 0.4501,
0.4743

63.5997, 0.3277,
0.3485

44.0021, 0.4573,
0.4749

66.6122, 0.3124,
0.3286

 43.9666, 0.4575,
0.4749

 69.8170, 0.2983,
0.3097

 73.1495, 0.2861,
0.2932

 75.2986, 0.2863,
0.2975

 77.4987, 0.2865,
0.3018

Harmonies

Analogous

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



53.3476, 0.4298, 0.3937



53.3476, 0.3961, 0.4298



53.3476, 0.3417, 0.4399

Triad

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



53.3476, 0.3961, 0.4298



53.3476, 0.2078, 0.2922



53.3476, 0.3355, 0.2634

Complementary

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



53.3476, 0.3961, 0.4298



23.1028, 0.2235, 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.



53.3476, 0.2749, 0.2395



53.3476, 0.3961, 0.4298



53.3476, 0.2066, 0.2513

Square

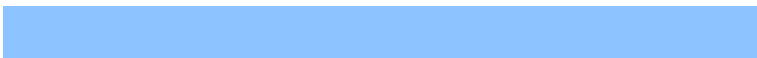
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.3476, 0.3961, 0.4298



53.3476, 0.2341, 0.3522



53.3476, 0.2296, 0.2343



53.3476, 0.3945, 0.3016

Rectangle

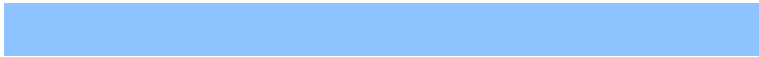
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.3476, 0.3961, 0.4298



53.3476, 0.3017, 0.4249



53.3476, 0.2296, 0.2343



53.3476, 0.3144, 0.2536

Sweetspot

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



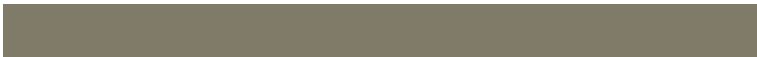
53.3501, 0.3961, 0.4298



93.2591, 0.3363, 0.3596



26.2216, 0.4235, 0.3033



19.7695, 0.3398, 0.3640



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.



53.3501, 0.3961, 0.4298



76.6870, 0.4140, 0.4479



58.5001, 0.3591, 0.4612



14.1031, 0.3271, 0.3478



26.9966, 0.4568, 0.4755



1.7334, 0.4492, 0.4815

Inverse Universe

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



23.1028, 0.2235, 0.2012



26.2404, 0.2029, 0.1683



20.7863, 0.2442, 0.1821



12.3840, 0.2982, 0.3095



3.9800, 0.1552, 0.0786



0.3545, 0.1637, 0.1092

Previews

White Background



This preview shows how the Yxy color 53.3476, 0.3961, 0.4298 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 53.3476, 0.3961, 0.4298 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 53.3476, 0.3961, 0.4298

Background



This preview shows how black text looks on a background with the Yxy color 53.3476, 0.3961, 0.4298.



This preview shows how white text looks on a background with the Yxy color 53.3476, 0.3961, 0.4298.

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

53.3476, 0.3961, 0.4298

Protanopia

53.1985, 0.3952, 0.4301

Deuteranopia

53.2180, 0.4205, 0.4107



Tritanopia

53.4278, 0.3347, 0.3130

Trichromacy



Original Color

53.3476, 0.3961, 0.4298

Protanomaly

53.1985, 0.3952, 0.4301

Deuteranomaly

53.1173, 0.4123, 0.4174

Tritanomaly

53.2811, 0.3590, 0.3563

Monochromacy



Original Color

53.3476, 0.3961, 0.4298

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.3359, 0.3439, 0.3681

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3476, 0.3961, 0.4298 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(213, 193, 107)` looks like.

```
.text, #text, p{  
    color:rgb(213, 193, 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(213, 193, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 193, 107) }
```

Border

The CSS property to change the border of an element to Yxy 53.3476, 0.3961, 0.4298 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(213, 193, 107) }
```

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

```
.border{ border-color:rgb(213, 193, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 193, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 193, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 193, 107);  
box-shadow:4px 4px 4px 4px rgb(213, 193,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3476, 0.3961, 0.4298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 193, 107) }
```

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

```
.background{ background-color: rgb(213,  
193, 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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