

Converting Colors

Yxy(52.8018, 0.3695, 0.4300)

Have a look what the booklet for
Yxy(52.8018, 0.3695, 0.4300)
contains.

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Color

Yxy(52.5543, 0.3693, 0.4297)

Conversions

Conversions Part 1

Format	Color
Hex	C1C575
RGB	193, 197, 117
RGB Percent	76%, 77%, 46%
CMY	0.2432, 0.2274, 0.5413
CMYK	0.02, 0.00, 0.41, 0.23
HSL	63°, 41%, 62%
HSV	63°, 41%, 77%
XYZ	45.1671, 52.5543, 24.5832
YIQ	186.6840, 23.2960, -25.7280

Conversions

Conversions Part 2

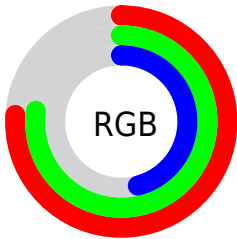
Format	Color
RYB	117, 197, 121
Decimal	12698997
CIELab	77.61, -13.32, 39.61
CIELCh	78, 41.793, 108.580
Yxy	52.5543, 0.3693, 0.4297
Android (android.graphics.Color)	4290889077 (0xFFC1C575)
YUV	186.6840, -34.3542, 5.5391
Hunter-Lab	72.4943, -15.6519, 30.6405

Details

The Yxy color **52.5543, 0.3693, 0.4297** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.8110, 0.2415, 0.2067**, and the grayscale version is **49.6934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2951, 0.3607, 0.4124**, and **25.4534, 0.3815, 0.4556** is the 20% darker color. If you saturate the color by 10%, you get **52.0118, 0.3816, 0.4523**, and if you desaturate by 10%, it is **53.2000, 0.3558, 0.4053**.

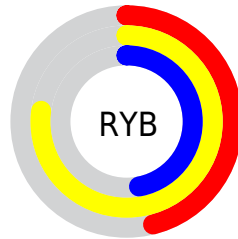
Distribution



Red (76%)

Green (77%)

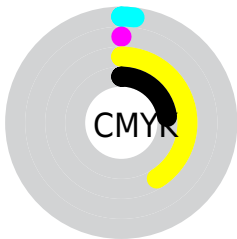
Blue (46%)



Red (46%)

Yellow (77%)

Blue (47%)

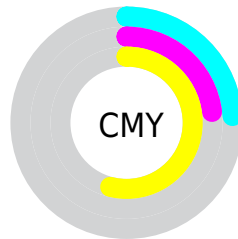


Cyan (2%)

Magenta (0%)

Yellow (41%)

Black (23%)



Cyan (24%)


Magenta (23%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5543, 0.3693, 0.4297 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 52.5543, 0.3693, 0.4297 by changing the saturation by 10% instead.


 52.5543, 0.3693,
0.4297

 52.5543, 0.3693,
0.4297


396.5728, 0.3431,
0.3799


 37.4471, 0.3749,
0.4417


 93.9482, 0.3604,
0.4119

 25.5538, 0.3816,
0.4566


 121.0037, 0.3569,
0.4051

 16.4902, 0.3894,
0.4756


 152.8107, 0.3538,
0.3993

 9.8717, 0.3980,
0.5004

189.7537, 0.3511,
0.3944

 5.3140, 0.4083,
0.5355

232.2170, 0.3488,
0.3900

 2.4326, 0.4158,
0.5842

280.5850, 0.3467,

 0.8426, 0.3609,

0.3862

0.6391

335.2421, 0.3448,
0.3829

0.0000, 0.0000,
0.0000

52.5543, 0.3693,
0.4297

52.5543, 0.3693,
0.4297

52.0118, 0.3816,
0.4523

53.2000, 0.3558,
0.4053

51.5590, 0.3921,
0.4722

53.9473, 0.3417,
0.3801

51.1916, 0.4004,
0.4884


54.8038, 0.3275,
0.3550

50.9017, 0.4062,
0.5004


55.7744, 0.3136,
0.3305

50.6800, 0.4094,
0.5081

56.8637, 0.3002,
0.3072

 50.5175, 0.4106,
0.5122

 58.0758, 0.2876,
0.2855

 59.4150, 0.2760,
0.2653

 59.5594, 0.2766,
0.2653

 59.6966, 0.2772,
0.2655

Harmonies

Analogous

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



52.5543, 0.4102, 0.4061



52.5543, 0.3693, 0.4297



52.5543, 0.3153, 0.4228

Triad

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



52.5543, 0.3693, 0.4297



52.5543, 0.2121, 0.2761



52.5543, 0.3593, 0.2829

Complementary

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



52.5543, 0.3693, 0.4297



20.8110, 0.2415, 0.2067

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.



52.5543, 0.3020, 0.2539



52.5543, 0.3693, 0.4297



52.5543, 0.2211, 0.2476

Square

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



52.5543, 0.3693, 0.4297



52.5543, 0.2265, 0.3249



52.5543, 0.2524, 0.2409



52.5543, 0.4061, 0.3226

Rectangle

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



52.5543, 0.3693, 0.4297



52.5543, 0.2794, 0.3985



52.5543, 0.2524, 0.2409



52.5543, 0.3404, 0.2717

Sweetspot

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



52.5567, 0.3693, 0.4297



97.8937, 0.3297, 0.3588



26.8231, 0.4126, 0.3347



20.9082, 0.3316, 0.3622



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.



52.5567, 0.3693, 0.4297



93.2243, 0.3806, 0.4504



47.9909, 0.3348, 0.4424



12.3889, 0.3258, 0.3519



33.2358, 0.4107, 0.5121



1.5822, 0.4126, 0.5106

Inverse Universe

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



20.8110, 0.2415, 0.2067



28.4592, 0.2225, 0.1747



24.3234, 0.2796, 0.2185



10.3124, 0.2990, 0.3052



2.7043, 0.1518, 0.0610



0.1371, 0.1581, 0.0644

Previews

White Background



This preview shows how the Yxy color 52.5543, 0.3693, 0.4297 looks on a white background.

Color Contrast Check

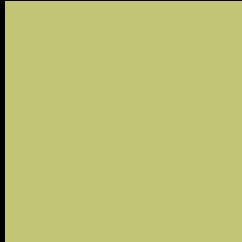
Large Text (above 18pt) WCAG AA × Fail

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 52.5543, 0.3693, 0.4297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

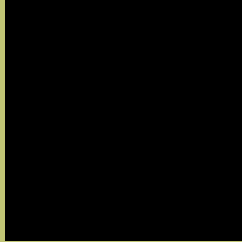
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5543, 0.3693, 0.4297

Background



This preview shows how black text looks on a background with the Yxy color 52.5543, 0.3693, 0.4297.



This preview shows how white text looks on a background with the Yxy color 52.5543, 0.3693, 0.4297.

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

52.5543, 0.3693, 0.4297

Protanopia

52.6387, 0.3882, 0.4212

Deuteranopia

52.2120, 0.4082, 0.4000



Tritanopia

52.5014, 0.3144, 0.3111

Trichromacy



Original Color

52.5543, 0.3693, 0.4297

Protanomaly

52.6819, 0.3811, 0.4241

Deuteranomaly

52.0501, 0.3936, 0.4103

Tritanomaly

52.3440, 0.3349, 0.3539

Monochromacy



Original Color

52.5543, 0.3693, 0.4297

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.6891, 0.3335, 0.3664

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5543, 0.3693, 0.4297 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(193, 197, 117)` looks like.

```
.text, #text, p{  
    color:rgb(193, 197, 117)  
}
```

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(193, 197, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 197, 117) }
```

Border

The CSS property to change the border of an element to Yxy 52.5543, 0.3693, 0.4297 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(193, 197, 117) }
```

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

```
.border{ border-color:rgb(193, 197, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 197, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 197, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 197, 117); box-shadow:4px 4px 4px 4px rgb(193, 197, 117) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5543, 0.3693, 0.4297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 197, 117) }
```

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

```
.background{ background-color: rgb(193,  
197, 117) }
```

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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