

Converting Colors

$Yxy(52.5353, 0.3354, 0.3916)$

Have a look what the booklet for
Yxy(52.5353, 0.3354, 0.3916)
contains.

Yxy(52.5353, 0.3354, 0.3916)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.5353, 0.3354, 0.3916)

Conversions

Conversions Part 1

Format	Color
Hex	B6C696
RGB	182, 198, 150
RGB Percent	71%, 78%, 59%
CMY	0.2862, 0.2235, 0.4117
CMYK	0.08, 0.00, 0.24, 0.22
HSL	80°, 30%, 68%
HSV	80°, 24%, 78%
XYZ	44.9958, 52.5353, 36.6245
YIQ	187.7440, 5.8720, -18.3200

Conversions

Conversions Part 2

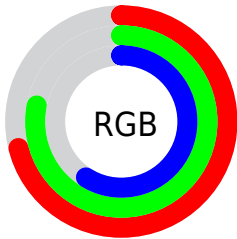
Format	Color
RYB	150, 198, 166
Decimal	11978390
CIELab	77.60, -13.76, 22.29
CIELCh	78, 26.194, 121.694
Yxy	52.5353, 0.3354, 0.3916
Android (android.graphics.Color)	4290168470 (0xFFB6C696)
YUV	187.7440, -18.6078, -5.0375
Hunter-Lab	72.4812, -16.0308, 20.7779

Details

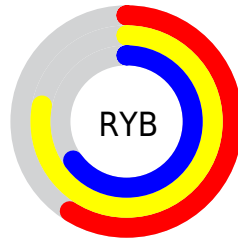
The Yxy color **52.5353, 0.3354, 0.3916** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.9956, 0.2857, 0.2638**, and the grayscale version is **50.2454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0568, 0.3317, 0.3809**, and **25.5145, 0.3410, 0.4089** is the 20% darker color. If you saturate the color by 10%, you get **51.1691, 0.3443, 0.4193**, and if you desaturate by 10%, it is **54.0516, 0.3261, 0.3647**.

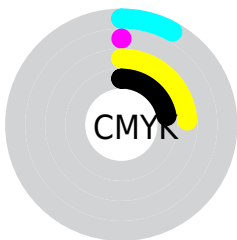
Distribution



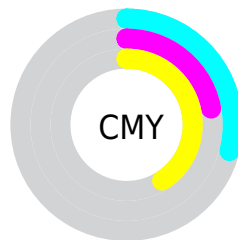
- Red (71%)
- Green (78%)
- Blue (59%)



- Red (59%)
- Yellow (78%)
- Blue (65%)



- Cyan (8%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)





- Cyan (29%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5353, 0.3354, 0.3916 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 52.5353, 0.3354, 0.3916 by changing the saturation by 10% instead.


 52.5353, 0.3354,
0.3916


 52.5353, 0.3354,
0.3916

396.4997, 0.3248,
0.3602

 37.4319, 0.3378,
0.3994


 93.9202, 0.3317,
0.3802

 25.5421, 0.3407,
0.4095


 120.9706, 0.3303,
0.3759

 16.4814, 0.3443,
0.4228


152.7720, 0.3291,
0.3723

 9.8654, 0.3488,
0.4412

189.7089, 0.3280,
0.3691

 5.3098, 0.3543,
0.4682

232.1658, 0.3270,
0.3665

 2.4302, 0.3638,
0.5165

280.5269, 0.3262,

 0.8413, 0.3553,

0.3641

0.6447

335.1768, 0.3255,
0.3620

0.0000, 0.0000,
0.0000

52.5353, 0.3354,
0.3916

52.5353, 0.3354,
0.3916

51.1691, 0.3443,
0.4193

54.0516, 0.3261,
0.3647

49.9403, 0.3523,
0.4470

55.7166, 0.3167,
0.3393

48.8446, 0.3589,
0.4735

57.5379, 0.3074,
0.3156

47.8751, 0.3636,
0.4978

59.5204, 0.2986,
0.2938

47.0239, 0.3661,
0.5185

61.6688, 0.2902,
0.2740

■ 46.2821, 0.3661,
0.5348

■ 63.0664, 0.2910,
0.2690

■ 45.6390, 0.3637,
0.5461

■ 64.1243, 0.2957,
0.2698

■ 45.3019, 0.3616,
0.5511

■ 65.2233, 0.3005,
0.2706

■ 66.3638, 0.3053,
0.2715

Harmonies

Analogous

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



52.5353, 0.3655, 0.3868



52.5353, 0.3354, 0.3916



52.5353, 0.3003, 0.3769

Triad

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



52.5353, 0.3354, 0.3916



52.5353, 0.2479, 0.2865



52.5353, 0.3563, 0.3105

Complementary

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



52.5353, 0.3354, 0.3916



33.9956, 0.2857, 0.2638

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.



52.5353, 0.3224, 0.2871



52.5353, 0.3354, 0.3916



52.5353, 0.2608, 0.2728

Square

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



52.5353, 0.3354, 0.3916



52.5353, 0.2510, 0.3132



52.5353, 0.2875, 0.2735



52.5353, 0.3786, 0.3390

Rectangle

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



52.5353, 0.3354, 0.3916



52.5353, 0.2789, 0.3581



52.5353, 0.2875, 0.2735



52.5353, 0.3458, 0.3018

Sweetspot

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



52.5376, 0.3354, 0.3916



97.7941, 0.3194, 0.3464



41.1910, 0.3582, 0.3489



20.8927, 0.3199, 0.3479



0.0000, 0.0000, 0.0000



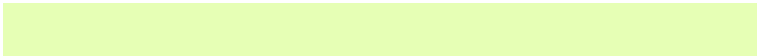
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.5376, 0.3354, 0.3916



91.7467, 0.3401, 0.4059



49.9399, 0.3164, 0.3954



12.2334, 0.3215, 0.3522



29.5103, 0.3624, 0.5505



1.4357, 0.3745, 0.5408

Inverse Universe

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



33.9956, 0.2857, 0.2638



53.3605, 0.2787, 0.2481



36.7357, 0.3072, 0.2678



10.4560, 0.3034, 0.3055



3.4441, 0.1753, 0.0739



0.2028, 0.1994, 0.0872

Previews

White Background



This preview shows how the Yxy color 52.5353, 0.3354, 0.3916 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 52.5353, 0.3354, 0.3916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

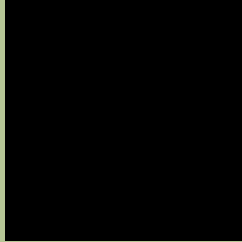
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5353, 0.3354, 0.3916

Background



This preview shows how black text looks on a background with the Yxy color 52.5353, 0.3354, 0.3916.



This preview shows how white text looks on a background with the Yxy color 52.5353, 0.3354, 0.3916.

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

52.5353, 0.3354, 0.3916

Protanopia

52.3473, 0.3594, 0.3834

Deuteranopia

52.2689, 0.3729, 0.3655



Tritanopia

52.6650, 0.3009, 0.3106

Trichromacy



Original Color

52.5353, 0.3354, 0.3916

Protanomaly

52.5920, 0.3507, 0.3870

Deuteranomaly

52.0721, 0.3586, 0.3744

Tritanomaly

52.6935, 0.3130, 0.3391

Monochromacy



Original Color

52.5353, 0.3354, 0.3916

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.1944, 0.3215, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5353, 0.3354, 0.3916 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(182, 198, 150)` looks like.

```
.text, #text, p{  
    color:rgb(182, 198, 150)  
}
```

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(182, 198, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 198, 150) }
```

Border

The CSS property to change the border of an element to Yxy 52.5353, 0.3354, 0.3916 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(182, 198, 150) }
```

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

```
.border{ border-color:rgb(182, 198, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 198, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 198, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 198, 150);  
box-shadow:4px 4px 4px 4px rgb(182, 198,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5353, 0.3354, 0.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 198, 150) }
```

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

```
.background{ background-color: rgb(182,  
198, 150) }
```

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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