

Converting Colors

$Y_{xy}(53.2120, 0.3570, 0.3821)$

Have a look what the booklet for
Yxy(53.2120, 0.3570, 0.3821)
contains.

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Color

Yxy(53.3211, 0.3564, 0.3820)

Conversions

Conversions Part 1

Format	Color
Hex	CDC196
RGB	205, 193, 150
RGB Percent	80%, 76%, 59%
CMY	0.1961, 0.2431, 0.4118
CMYK	0.00, 0.06, 0.27, 0.20
HSL	47°, 35%, 70%
HSV	47°, 27%, 80%
XYZ	49.7477, 53.3211, 36.5152
YIQ	191.6860, 20.9550, -10.8290

Conversions

Conversions Part 2

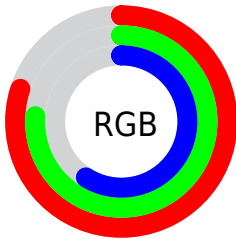
Format	Color
RYB	165, 205, 150
Decimal	13484438
CIELab	78.06, -2.50, 23.23
CIElCh	78, 23.361, 96.148
Yxy	53.3211, 0.3564, 0.3820
Android (android.graphics.Color)	4291674518 (0xFFCDC196)
YUV	191.6860, -20.5512, 11.6764
Hunter-Lab	73.0213, -6.1793, 21.4662

Details

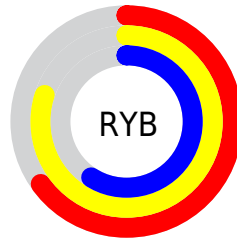
The Yxy color **53.3211, 0.3564, 0.3820** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.7146, 0.2682, 0.2697**, and the grayscale version is **52.6320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3710, 0.3441, 0.3735**, and **26.1410, 0.3672, 0.3965** is the 20% darker color. If you saturate the color by 10%, you get **50.7762, 0.3743, 0.4021**, and if you desaturate by 10%, it is **56.0459, 0.3392, 0.3618**.

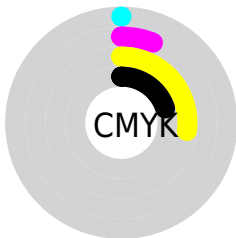
Distribution



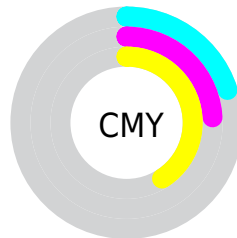
- Red (80%)
- Green (76%)
- Blue (59%)



- Red (65%)
- Yellow (80%)
- Blue (59%)



- Cyan (0%)
- Magenta (6%)
- Yellow (27%)
- Black (20%)





- Cyan (20%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3211, 0.3564, 0.3820 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 53.3211, 0.3564, 0.3820 by changing the saturation by 10% instead.


 53.3211, 0.3564,
0.3820


 53.3211, 0.3564,
0.3820


399.5158, 0.3353,
0.3561

 38.0592, 0.3614,
0.3882


 95.0767, 0.3489,
0.3727

 26.0286, 0.3677,
0.3961


 122.3391, 0.3460,
0.3692

 16.8450, 0.3758,
0.4063


154.3706, 0.3436,
0.3662

 10.1241, 0.3865,
0.4200

191.5553, 0.3415,
0.3636

 5.4813, 0.4010,
0.4390

234.2778, 0.3396,
0.3614

 2.5323, 0.4255,
0.4714

282.9225, 0.3380,

 0.8928, 0.4687,

0.3594

0.5313

337.8737, 0.3365,
0.3576

0.0000, 0.0000,
0.0000

53.3211, 0.3564,
0.3820

53.3211, 0.3564,
0.3820

50.7762, 0.3743,
0.4021

56.0459, 0.3392,
0.3618

48.3975, 0.3924,
0.4212

58.9494, 0.3231,
0.3420

46.1801, 0.4100,
0.4383

62.0398, 0.3081,
0.3231

44.1165, 0.4265,
0.4526

65.3225, 0.2945,
0.3053

42.1977, 0.4410,
0.4629

68.8026, 0.2821,
0.2888

■ 40.4138, 0.4528,
0.4686

■ 71.2729, 0.2809,
0.2912

■ 38.7514, 0.4617,
0.4697

■ 73.6440, 0.2812,
0.2961

■ 38.2431, 0.4642,
0.4696

■ 76.0781, 0.2815,
0.3010

■ 78.5757, 0.2818,
0.3058

Harmonies

Analogous

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



53.3211, 0.3729, 0.3661



53.3211, 0.3564, 0.3820



53.3211, 0.3285, 0.3834

Triad

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



53.3211, 0.3564, 0.3820



53.3211, 0.2563, 0.3111



53.3211, 0.3262, 0.2942

Complementary

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



53.3211, 0.3564, 0.3820



36.7146, 0.2682, 0.2697

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.



53.3211, 0.2947, 0.2805



53.3211, 0.3564, 0.3820



53.3211, 0.2557, 0.2887

Square

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



53.3211, 0.3564, 0.3820



53.3211, 0.2712, 0.3406



53.3211, 0.2693, 0.2782



53.3211, 0.3552, 0.3162

Rectangle

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



53.3211, 0.3564, 0.3820



53.3211, 0.3076, 0.3749



53.3211, 0.2693, 0.2782



53.3211, 0.3155, 0.2885

Sweetspot

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



53.3235, 0.3564, 0.3820



95.9539, 0.3250, 0.3445



37.4215, 0.3567, 0.3128



20.3800, 0.3275, 0.3475



0.0000, 0.0000, 0.0000



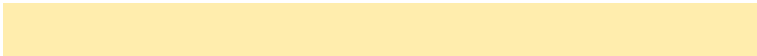
21.4041, 0.3127, 0.3290

Same Dimension

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



53.3235, 0.3564, 0.3820



84.9967, 0.3663, 0.3932



56.8460, 0.3408, 0.3982



12.6661, 0.3271, 0.3470



23.9558, 0.4635, 0.4702



1.3415, 0.4532, 0.4784

Inverse Universe

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



36.7146, 0.2682, 0.2697



53.4839, 0.2578, 0.2552



34.1753, 0.2790, 0.2552



11.2334, 0.2982, 0.3103



4.0110, 0.1566, 0.0838



0.3223, 0.1670, 0.1212

Previews

White Background



This preview shows how the Yxy color 53.3211, 0.3564, 0.3820 looks on a white background.

Color Contrast Check

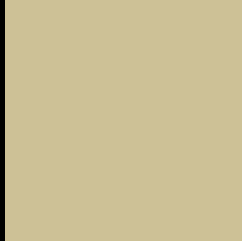
Large Text (above 18pt) WCAG AA × Fail

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 53.3211, 0.3564, 0.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

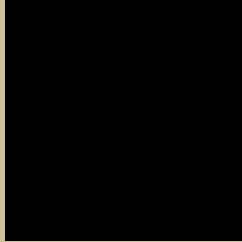
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

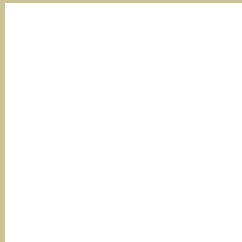
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3211, 0.3564, 0.3820

Background



This preview shows how black text looks on a background with the Yxy color 53.3211, 0.3564, 0.3820.



This preview shows how white text looks on a background with the Yxy color 53.3211, 0.3564, 0.3820.

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

53.3211, 0.3564, 0.3820

Protanopia

53.4637, 0.3573, 0.3818

Deuteranopia

53.1337, 0.3761, 0.3674



Tritanopia

53.1837, 0.3219, 0.3114

Trichromacy



Original Color

53.3211, 0.3564, 0.3820

Protanomaly

53.4637, 0.3573, 0.3818

Deuteranomaly

53.1062, 0.3687, 0.3731

Tritanomaly

53.3279, 0.3350, 0.3375

Monochromacy



Original Color

53.3211, 0.3564, 0.3820

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.7439, 0.3283, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3211, 0.3564, 0.3820 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(205, 193, 150)` looks like.

```
.text, #text, p{  
    color:rgb(205, 193, 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(205, 193, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 193, 150) }
```

Border

The CSS property to change the border of an element to Yxy 53.3211, 0.3564, 0.3820 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(205, 193, 150) }
```

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

```
.border{ border-color:rgb(205, 193, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 193, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 193, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 193, 150);  
box-shadow:4px 4px 4px 4px rgb(205, 193,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3211, 0.3564, 0.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 193, 150) }
```

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

```
.background{ background-color: rgb(205,  
193, 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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