

Converting Colors

Yxy(54.8186, 0.3352, 0.3467)

Have a look what the booklet for
Yxy(54.8186, 0.3352, 0.3467)
contains.

Yxy(54.6600, 0.3350, 0.3459)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.6600, 0.3350, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	CFC1B3
RGB	207, 193, 179
RGB Percent	81%, 76%, 70%
CMY	0.1883, 0.2431, 0.2979
CMYK	0.00, 0.07, 0.14, 0.19
HSL	30°, 23%, 76%
HSV	30°, 14%, 81%
XYZ	52.9376, 54.6600, 50.4250
YIQ	195.5900, 12.8380, -1.3860

Conversions

Conversions Part 2

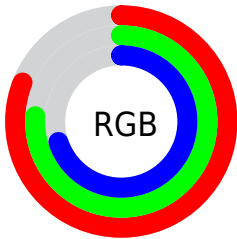
Format	Color
R _Y B	207, 207, 179
Decimal	13615539
CIE Lab	78.85, 2.57, 8.79
CIE LCh	79, 9.157, 73.719
Yxy	54.6600, 0.3350, 0.3459
Android (android.graphics.Color)	4291805619 (0xFFCFC1B3)
YUV	195.5900, -8.1789, 10.0066
Hunter-Lab	73.9324, -1.5710, 11.3144

Details

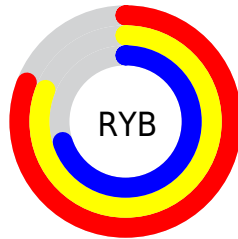
The Yxy color **54.6600, 0.3350, 0.3459** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2351, 0.2918, 0.3115**, and the grayscale version is **54.9889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0095, 0.3250, 0.3426**, and **27.0348, 0.3418, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **49.4696, 0.3542, 0.3592**, and if you desaturate by 10%, it is **60.3012, 0.3181, 0.3333**.

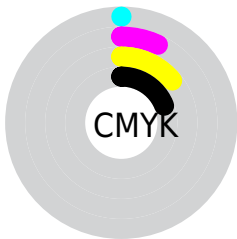
Distribution



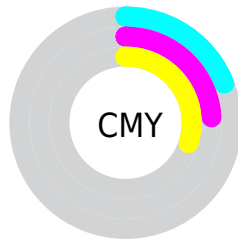
- Red (81%)
- Green (76%)
- Blue (70%)



- Red (81%)
- Yellow (81%)
- Blue (70%)



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (19%)




- Cyan (19%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6600, 0.3350, 0.3459 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 54.6600, 0.3350, 0.3459 by changing the saturation by 10% instead.

 54.6600, 0.3350,
0.3459

 54.6600, 0.3350,
0.3459


404.6218, 0.3241,
0.3377

 39.1296, 0.3376,
0.3479


 97.0426, 0.3311,
0.3430

 26.8605, 0.3410,
0.3503

124.6636, 0.3296,
0.3419

 17.4685, 0.3454,
0.3535


157.0836, 0.3284,
0.3409

 10.5691, 0.3513,
0.3579

194.6869, 0.3273,
0.3401

 5.7779, 0.3600,
0.3640

237.8580, 0.3263,
0.3394

 2.7105, 0.3735,
0.3735

286.9813, 0.3255,

 0.9825, 0.4115,

0.3388

0.4032

342.4411, 0.3248,
0.3382

0.0000, 0.0000,
0.0000

54.6600, 0.3350,
0.3459

54.6600, 0.3350,
0.3459

49.4696, 0.3542,
0.3592

60.3012, 0.3181,
0.3333

44.7106, 0.3759,
0.3727

66.3974, 0.3034,
0.3214

40.3728, 0.4000,
0.3859

72.9622, 0.2905,
0.3104

36.4427, 0.4261,
0.3980

79.5587, 0.2831,
0.3072

32.9059, 0.4535,
0.4079

85.6382, 0.2837,
0.3182

■ 29.7469, 0.4809,
0.4144

■ 92.0029, 0.2844,
0.3289

■ 26.9486, 0.5066,
0.4162

■ 24.4918, 0.5290,
0.4126

■ 23.0618, 0.5418,
0.4080

Harmonies

Analogous

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



54.6600, 0.3364, 0.3373



54.6600, 0.3350, 0.3459



54.6600, 0.3275, 0.3501

Triad

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



54.6600, 0.3350, 0.3459



54.6600, 0.2944, 0.3308



54.6600, 0.3089, 0.3104

Complementary

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



54.6600, 0.3350, 0.3459



52.2351, 0.2918, 0.3115

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.



54.6600, 0.2979, 0.3084



54.6600, 0.3350, 0.3459



54.6600, 0.2896, 0.3200

Square

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



54.6600, 0.3350, 0.3459



54.6600, 0.3040, 0.3414



54.6600, 0.2909, 0.3118



54.6600, 0.3212, 0.3171

Rectangle

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



54.6600, 0.3350, 0.3459



54.6600, 0.3202, 0.3498



54.6600, 0.2909, 0.3118



54.6600, 0.3049, 0.3092

Sweetspot

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



54.6624, 0.3350, 0.3459



96.1495, 0.3190, 0.3339



49.3670, 0.3256, 0.3122



20.4278, 0.3202, 0.3349



0.0000, 0.0000, 0.0000



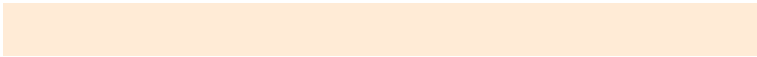
21.4041, 0.3127, 0.3290

Same Dimension

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



54.6624, 0.3350, 0.3459



85.3134, 0.3399, 0.3494



61.1361, 0.3328, 0.3621



12.7709, 0.3278, 0.3406



14.7220, 0.5397, 0.4097



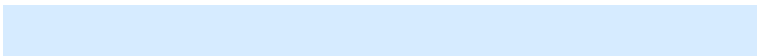
0.9819, 0.5118, 0.4318

Inverse Universe

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



52.2351, 0.2918, 0.3115



80.7339, 0.2875, 0.3077



46.3453, 0.2913, 0.2936



12.3803, 0.2982, 0.3171



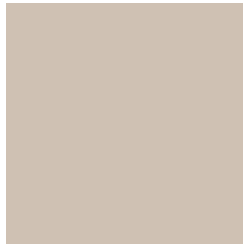
9.2021, 0.1775, 0.1589



0.6732, 0.1867, 0.1922

Previews

White Background



This preview shows how the Yxy color 54.6600, 0.3350, 0.3459 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 54.6600, 0.3350, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

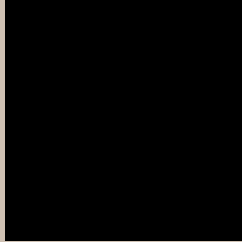
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

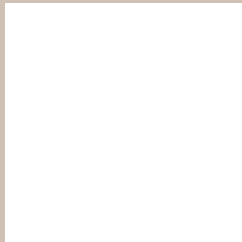
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6600, 0.3350, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 54.6600, 0.3350, 0.3459.



This preview shows how white text looks on a background with the Yxy color 54.6600, 0.3350, 0.3459.

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

54.6600, 0.3350, 0.3459

Protanopia

54.8821, 0.3298, 0.3473

Deuteranopia

54.4774, 0.3463, 0.3384



Tritanopia

54.4565, 0.3184, 0.3115

Trichromacy



Original Color

54.6600, 0.3350, 0.3459

Protanomaly

54.7162, 0.3316, 0.3460

Deuteranomaly

54.5693, 0.3416, 0.3409

Tritanomaly

54.3224, 0.3245, 0.3231

Monochromacy



Original Color

54.6600, 0.3350, 0.3459

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.0273, 0.3205, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6600, 0.3350, 0.3459 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(207, 193, 179)` looks like.

```
.text, #text, p{  
    color:rgb(207, 193, 179)  
}
```

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(207, 193, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 193, 179) }
```

Border

The CSS property to change the border of an element to Yxy 54.6600, 0.3350, 0.3459 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(207, 193, 179) }
```

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

```
.border{ border-color:rgb(207, 193, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 193, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 193, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 193, 179);  
box-shadow:4px 4px 4px 4px rgb(207, 193,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6600, 0.3350, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 193, 179) }
```

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

```
.background{ background-color: rgb(207,  
193, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor