

Converting Colors

$Y_{xy}(35.9950, 0.3550, 0.3270)$

Have a look what the booklet for
Yxy(35.9950, 0.3550, 0.3270)
contains.

Yxy(35.9025, 0.3552, 0.3265)	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(35.9025, 0.3552, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	C29799
RGB	194, 151, 153
RGB Percent	76%, 59%, 60%
CMY	0.2393, 0.4078, 0.4001
CMYK	0.00, 0.22, 0.21, 0.24
HSL	357°, 26%, 68%
HSV	357°, 22%, 76%
XYZ	39.0584, 35.9025, 35.0008
YIQ	164.0850, 24.9860, 9.7380

Conversions

Conversions Part 2

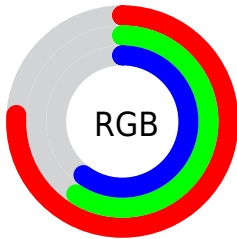
Format	Color
RYB	194, 151, 153
Decimal	12752793
CIELab	66.45, 16.36, 5.14
CIElCh	66, 17.152, 17.446
Yxy	35.9025, 0.3552, 0.3265
Android (android.graphics.Color)	4290942873 (0xFFC29799)
YUV	164.0850, -5.4649, 26.2355
Hunter-Lab	59.9187, 11.4987, 7.3095

Details

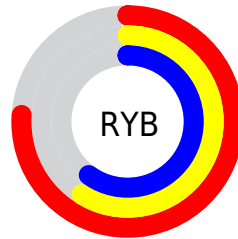
The Yxy color **35.9025, 0.3552, 0.3265** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.9592, 0.2815, 0.3316**, and the grayscale version is **37.1843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6769, 0.3470, 0.3270**, and **15.6491, 0.3697, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **29.6001, 0.3822, 0.3253**, and if you desaturate by 10%, it is **43.3303, 0.3334, 0.3277**.

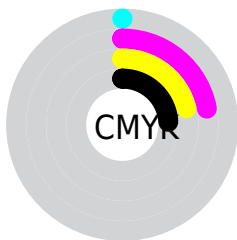
Distribution



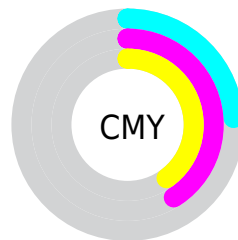
- Red (76%)
- Green (59%)
- Blue (60%)



- Red (76%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (22%)
- Yellow (21%)
- Black (24%)





- Cyan (24%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9025, 0.3552, 0.3265 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 35.9025, 0.3552, 0.3265 by changing the saturation by 10% instead.


 35.9025, 0.3552,
0.3265

 35.9025, 0.3552,
0.3265


328.5342, 0.3329,
0.3281

 24.3589, 0.3611,
0.3260


 68.8816, 0.3468,
0.3272

 15.6001, 0.3690,
0.3252


 91.0858, 0.3438,
0.3274

 9.2416, 0.3799,
0.3241


117.6124, 0.3412,
0.3276

 4.8991, 0.3959,
0.3222

148.8457, 0.3390,
0.3277

 2.1882, 0.4219,
0.3185

185.1701, 0.3372,
0.3278

 0.7135, 0.4931,
0.3198

226.9701, 0.3356,

 0.0000, 1.0000,

0.3279

0.0000

274.6300, 0.3341,
0.3280

0.0000, 0.0000,
0.0000

35.9025, 0.3552,
0.3265

35.9025, 0.3552,
0.3265

29.6001, 0.3822,
0.3253

43.3303, 0.3334,
0.3277

24.3636, 0.4153,
0.3242

51.9294, 0.3160,
0.3288

20.1356, 0.4548,
0.3234

61.7492, 0.3020,
0.3298

16.8511, 0.4995,
0.3230

72.8347, 0.2907,
0.3307

14.4380, 0.5461,
0.3233

85.2286, 0.2816,
0.3316

■ 12.8131, 0.5887,
0.3244

■ 90.2059, 0.2773,
0.3289

■ 11.8778, 0.6204,
0.3264

■ 11.4854, 0.6355,
0.3275

Harmonies

Analogous

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



35.9025, 0.3339, 0.3060



35.9025, 0.3552, 0.3265



35.9025, 0.3647, 0.3484

Triad

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



35.9025, 0.3552, 0.3265



35.9025, 0.3163, 0.3709



35.9025, 0.2676, 0.2906

Complementary

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



35.9025, 0.3552, 0.3265



48.9592, 0.2815, 0.3316

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.



35.9025, 0.2634, 0.3062



35.9025, 0.3552, 0.3265



35.9025, 0.2908, 0.3536

Square

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



35.9025, 0.3552, 0.3265



35.9025, 0.3415, 0.3753



35.9025, 0.2717, 0.3293



35.9025, 0.2834, 0.2855

Rectangle

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



35.9025, 0.3552, 0.3265



35.9025, 0.3628, 0.3613



35.9025, 0.2717, 0.3293



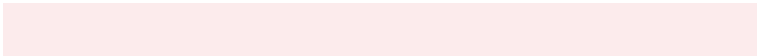
35.9025, 0.2648, 0.2947

Sweetspot

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



35.9041, 0.3552, 0.3265



86.1016, 0.3242, 0.3282



37.2165, 0.3132, 0.2743



18.6456, 0.3252, 0.3282



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.



35.9041, 0.3552, 0.3265



58.7859, 0.3688, 0.3259



42.5810, 0.3519, 0.3545



10.0852, 0.3282, 0.3280



7.5569, 0.6344, 0.3268



0.3291, 0.6140, 0.3156

Inverse Universe

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



35.9041, 0.3552, 0.3265



58.7859, 0.3688, 0.3259



40.9963, 0.2783, 0.3021



10.0852, 0.3282, 0.3280



7.5569, 0.6344, 0.3268



0.3291, 0.6140, 0.3156

Previews

White Background



This preview shows how the Yxy color 35.9025, 0.3552, 0.3265 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 35.9025, 0.3552, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

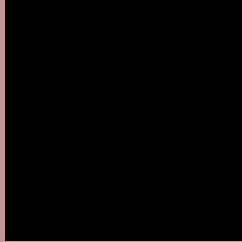
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9025, 0.3552, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 35.9025, 0.3552, 0.3265.



This preview shows how white text looks on a background with the Yxy color 35.9025, 0.3552, 0.3265.

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

35.9025, 0.3552, 0.3265

Protanopia

35.9923, 0.3183, 0.3319

Deuteranopia

35.8677, 0.3416, 0.3347



Tritanopia

35.9880, 0.3483, 0.3146

Trichromacy



Original Color

35.9025, 0.3552, 0.3265

Protanomaly

35.7784, 0.3315, 0.3291

Deuteranomaly

35.8173, 0.3472, 0.3318

Tritanomaly

35.8834, 0.3514, 0.3185

Monochromacy



Original Color

35.9025, 0.3552, 0.3265

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.4483, 0.3274, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9025, 0.3552, 0.3265 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(194, 151, 153)` looks like.

```
.text, #text, p{  
    color:rgb(194, 151, 153)  
}
```

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(194, 151, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 151, 153) }
```

Border

The CSS property to change the border of an element to Yxy 35.9025, 0.3552, 0.3265 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(194, 151, 153) }
```

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

```
.border{ border-color:rgb(194, 151, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 151, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 151, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 151, 153);  
box-shadow:4px 4px 4px 4px rgb(194, 151,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9025, 0.3552, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 151, 153) }
```

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

```
.background{ background-color: rgb(194,  
151, 153) }
```

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