

Converting Colors

$Yxy(35.2263, 0.3548, 0.3166)$

Have a look what the booklet for
Yxy(35.2263, 0.3548, 0.3166)
contains.

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Color

Yxy(35.1721, 0.3552, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	C5939D
RGB	197, 147, 157
RGB Percent	77%, 58%, 62%
CMY	0.2276, 0.4234, 0.3844
CMYK	0.00, 0.25, 0.20, 0.23
HSL	348°, 30%, 67%
HSV	348°, 25%, 77%
XYZ	39.5352, 35.1721, 36.5968
YIQ	163.0900, 26.5900, 13.7100

Conversions

Conversions Part 2

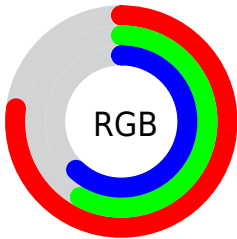
Format	Color
<code>RGB</code>	<code>197, 147, 157</code>
Decimal	<code>12948381</code>
CIE Lab	<code>65.88, 20.30, 2.12</code>
CIE LCh	<code>66, 20.406, 5.964</code>
Yxy	<code>35.1721, 0.3552, 0.3160</code>
Android (<code>android.graphics.Color</code>)	<code>4291138461</code> (<code>0xFFC5939D</code>)
YUV	<code>163.0900, -3.0024, 29.7391</code>
Hunter-Lab	<code>59.3061, 15.2079, 4.9274</code>

Details

The Yxy color **35.1721, 0.3552, 0.3160** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.7043, 0.2823, 0.3425**, and the grayscale version is **36.6751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5473, 0.3470, 0.3188**, and **15.1571, 0.3683, 0.3112** is the 20% darker color. If you saturate the color by 10%, you get **29.0582, 0.3791, 0.3106**, and if you desaturate by 10%, it is **42.4074, 0.3357, 0.3213**.

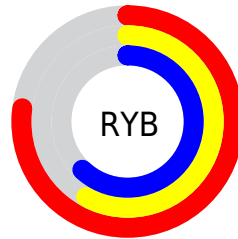
Distribution



Red (77%)

Green (58%)

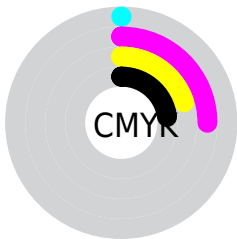
Blue (62%)



Red (77%)

Yellow (58%)

Blue (62%)

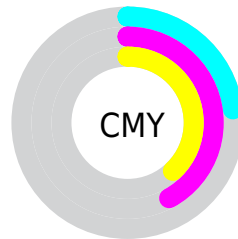


Cyan (0%)

Magenta (25%)

Yellow (20%)

Black (23%)



Cyan (23%)


Magenta (42%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1721, 0.3552, 0.3160 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 35.1721, 0.3552, 0.3160 by changing the saturation by 10% instead.


 35.1721, 0.3552,
0.3160

 35.1721, 0.3552,
0.3160


325.3273, 0.3329,
0.3230

 23.7955, 0.3611,
0.3141


 67.7523, 0.3468,
0.3186

 15.1820, 0.3690,
0.3116


 89.7247, 0.3438,
0.3196

 8.9472, 0.3799,
0.3080


115.9977, 0.3412,
0.3204

 4.7068, 0.3960,
0.3027

146.9559, 0.3390,
0.3211

 2.0763, 0.4220,
0.2937

182.9835, 0.3372,
0.3216

 0.6512, 0.4858,
0.2763

224.4650, 0.3356,

 0.0000, 1.0000,

0.3221

0.0000

271.7848, 0.3341,
0.3226

0.0000, 0.0000,
0.0000

35.1721, 0.3552,
0.3160

35.1721, 0.3552,
0.3160

29.0582, 0.3791,
0.3106

42.4074, 0.3357,
0.3213

24.0049, 0.4081,
0.3055

50.8114, 0.3199,
0.3264

19.9528, 0.4424,
0.3013

60.4344, 0.3071,
0.3312

16.8347, 0.4812,
0.2988

71.3226, 0.2967,
0.3355

14.5755, 0.5225,
0.2989

83.5196, 0.2883,
0.3394

■ 13.0877, 0.5622,
0.3024

■ 90.3860, 0.2806,
0.3325

■ 12.2650, 0.5956,
0.3093

■ 90.6040, 0.2789,
0.3289

■ 12.0124, 0.6085,
0.3126

Harmonies

Analogous

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



35.1721, 0.3260, 0.2940



35.1721, 0.3552, 0.3160



35.1721, 0.3728, 0.3419

Triad

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



35.1721, 0.3552, 0.3160



35.1721, 0.3288, 0.3837



35.1721, 0.2554, 0.2887

Complementary

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



35.1721, 0.3552, 0.3160



49.7043, 0.2823, 0.3425

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.



35.1721, 0.2562, 0.3112



35.1721, 0.3552, 0.3160



35.1721, 0.2975, 0.3683

Square

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



35.1721, 0.3552, 0.3160



35.1721, 0.3567, 0.3821



35.1721, 0.2712, 0.3408



35.1721, 0.2690, 0.2780

Rectangle

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



35.1721, 0.3552, 0.3160



35.1721, 0.3751, 0.3586



35.1721, 0.2712, 0.3408



35.1721, 0.2540, 0.2950

Sweetspot

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



35.1737, 0.3552, 0.3160



86.6603, 0.3239, 0.3251



35.4657, 0.3061, 0.2648



18.0463, 0.3263, 0.3243



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.



35.1737, 0.3552, 0.3160



57.1844, 0.3668, 0.3132



39.8138, 0.3610, 0.3488



10.6710, 0.3259, 0.3244



7.9150, 0.6056, 0.3110



0.3853, 0.5477, 0.2791

Inverse Universe

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



35.1737, 0.3552, 0.3160



57.1844, 0.3668, 0.3132



43.6804, 0.2741, 0.3083



10.6710, 0.3259, 0.3244



7.9150, 0.6056, 0.3110



0.3853, 0.5477, 0.2791

Previews

White Background



This preview shows how the Yxy color 35.1721, 0.3552, 0.3160 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 35.1721, 0.3552, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

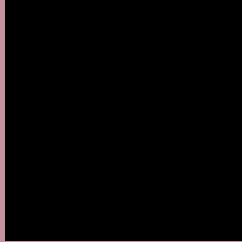
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1721, 0.3552, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 35.1721, 0.3552, 0.3160.



This preview shows how white text looks on a background with the Yxy color 35.1721, 0.3552, 0.3160.

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

35.1721, 0.3552, 0.3160

Protanopia

35.5033, 0.3111, 0.3232

Deuteranopia

35.2742, 0.3358, 0.3291



Tritanopia

35.2064, 0.3542, 0.3146

Trichromacy



Original Color

35.1721, 0.3552, 0.3160

Protanomaly

35.1299, 0.3270, 0.3206

Deuteranomaly

35.1711, 0.3426, 0.3236

Tritanomaly

35.2064, 0.3542, 0.3146

Monochromacy



Original Color

35.1721, 0.3552, 0.3160

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.8011, 0.3268, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1721, 0.3552, 0.3160 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(197, 147, 157)` looks like.

```
.text, #text, p{  
    color:rgb(197, 147, 157)  
}
```

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(197, 147, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 147, 157) }
```

Border

The CSS property to change the border of an element to Yxy 35.1721, 0.3552, 0.3160 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(197, 147, 157) }
```

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

```
.border{ border-color:rgb(197, 147, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 147, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 147, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 147, 157);  
box-shadow:4px 4px 4px 4px rgb(197, 147,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1721, 0.3552, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 147, 157) }
```

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

```
.background{ background-color: rgb(197,  
147, 157) }
```

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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