

Converting Colors

$Y_{xy}(35.5972, 0.3585, 0.3223)$

Have a look what the booklet for
Yxy(35.5972, 0.3585, 0.3223)
contains.

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Color

Yxy(35.6983, 0.3578, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	C5959A
RGB	197, 149, 154
RGB Percent	77%, 58%, 60%
CMY	0.2275, 0.4157, 0.3960
CMYK	0.00, 0.24, 0.22, 0.23
HSL	354°, 29%, 68%
HSV	354°, 24%, 77%
XYZ	39.6057, 35.6983, 35.3884
YIQ	163.9220, 27.0030, 11.7310

Conversions

Conversions Part 2

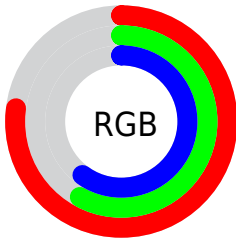
Format	Color
R_{YB}	197, 149, 154
Decimal	12948890
CIE _{Lab}	66.29, 18.77, 4.37
CIE _{LCh}	66, 19.268, 13.104
Yxy	35.6983, 0.3578, 0.3225
Android (android.graphics.Color)	4291138970 (0xFFC5959A)
YUV	163.9220, -4.8915, 29.0094
Hunter-Lab	59.7481, 13.7648, 6.7066

Details

The Yxy color **35.6983, 0.3578, 0.3225** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.1213, 0.2804, 0.3357**, and the grayscale version is **37.1008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3368, 0.3490, 0.3240**, and **15.4654, 0.3720, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **29.4394, 0.3843, 0.3197**, and if you desaturate by 10%, it is **43.1011, 0.3364, 0.3253**.

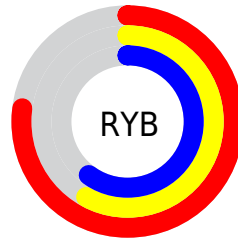
Distribution



Red (77%)

Green (58%)

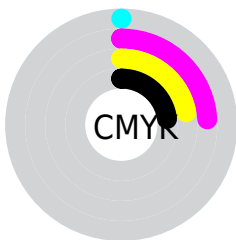
Blue (60%)



Red (77%)

Yellow (58%)

Blue (60%)

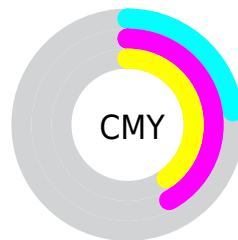


Cyan (0%)

Magenta (24%)

Yellow (22%)

Black (23%)



Cyan (23%)


Magenta (42%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6983, 0.3578, 0.3225 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 35.6983, 0.3578, 0.3225 by changing the saturation by 10% instead.


 35.6983, 0.3578,
0.3225


 35.6983, 0.3578,
0.3225


327.6399, 0.3341,
0.3262

 24.2013, 0.3641,
0.3214


 68.5661, 0.3489,
0.3239

 15.4830, 0.3725,
0.3200


 90.7058, 0.3457,
0.3244

 9.1591, 0.3840,
0.3178


117.1617, 0.3429,
0.3249

 4.8451, 0.4010,
0.3145

148.3183, 0.3406,
0.3252

 2.1567, 0.4286,
0.3085

184.5601, 0.3387,
0.3255

 0.6962, 0.5006,
0.3026

226.2713, 0.3369,

 0.0000, 1.0000,

0.3258

0.0000

273.8365, 0.3354,
0.3260

0.0000, 0.0000,
0.0000

35.6983, 0.3578,
0.3225

35.6983, 0.3578,
0.3225

29.4394, 0.3843,
0.3197

43.1011, 0.3364,
0.3253

24.2626, 0.4165,
0.3171

51.6955, 0.3191,
0.3279

20.1080, 0.4547,
0.3150

61.5329, 0.3053,
0.3304

16.9077, 0.4978,
0.3140

72.6597, 0.2941,
0.3326

14.5856, 0.5427,
0.3145

85.1205, 0.2850,
0.3346

■ 13.0542, 0.5840,
0.3171

■ 90.6087, 0.2789,
0.3289

■ 12.2074, 0.6157,
0.3214

■ 11.9215, 0.6284,
0.3235

Harmonies

Analogous

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



35.6983, 0.3323, 0.3004



35.6983, 0.3578, 0.3225



35.6983, 0.3707, 0.3471

Triad

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



35.6983, 0.3578, 0.3225



35.6983, 0.3209, 0.3781



35.6983, 0.2606, 0.2876

Complementary

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



35.6983, 0.3578, 0.3225



50.1213, 0.2804, 0.3357

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.



35.6983, 0.2580, 0.3065



35.6983, 0.3578, 0.3225



35.6983, 0.2919, 0.3604

Square

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



35.6983, 0.3578, 0.3225



35.6983, 0.3486, 0.3806



35.6983, 0.2692, 0.3333



35.6983, 0.2765, 0.2804

Rectangle

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



35.6983, 0.3578, 0.3225



35.6983, 0.3702, 0.3621



35.6983, 0.2692, 0.3333



35.6983, 0.2582, 0.2927

Sweetspot

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



35.6999, 0.3578, 0.3225



88.1484, 0.3235, 0.3272



36.6548, 0.3102, 0.2681



18.6599, 0.3245, 0.3270



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.



35.6999, 0.3578, 0.3225



57.9933, 0.3706, 0.3211



41.8229, 0.3575, 0.3531



10.6547, 0.3273, 0.3266



7.8484, 0.6264, 0.3224



0.3779, 0.5868, 0.3006

Inverse Universe

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



35.6999, 0.3578, 0.3225



57.9933, 0.3706, 0.3211



42.4990, 0.2751, 0.3036



10.6547, 0.3273, 0.3266



7.8484, 0.6264, 0.3224



0.3779, 0.5868, 0.3006

Previews

White Background



This preview shows how the Yxy color 35.6983, 0.3578, 0.3225 looks on a white background.

Color Contrast Check

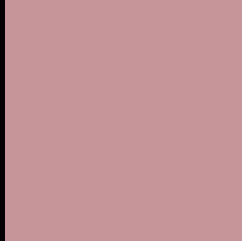
Large Text (above 18pt) WCAG AA × Fail

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 35.6983, 0.3578, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

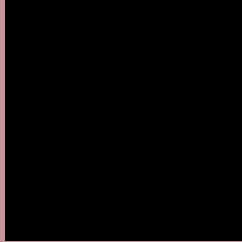
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6983, 0.3578, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 35.6983, 0.3578, 0.3225.



This preview shows how white text looks on a background with the Yxy color 35.6983, 0.3578, 0.3225.

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

35.6983, 0.3578, 0.3225

Protanopia

35.9555, 0.3156, 0.3290

Deuteranopia

35.7801, 0.3396, 0.3333



Tritanopia

35.7236, 0.3529, 0.3134

Trichromacy



Original Color

35.6983, 0.3578, 0.3225

Protanomaly

35.8127, 0.3306, 0.3277

Deuteranomaly

35.5215, 0.3464, 0.3291

Tritanomaly

35.6542, 0.3550, 0.3160

Monochromacy



Original Color

35.6983, 0.3578, 0.3225

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.5644, 0.3284, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6983, 0.3578, 0.3225 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, 149, 154)` looks like.

```
.text, #text, p{  
  color:rgb(197, 149, 154)  
}
```

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, 149, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 149, 154) }
```

Border

The CSS property to change the border of an element to Yxy 35.6983, 0.3578, 0.3225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

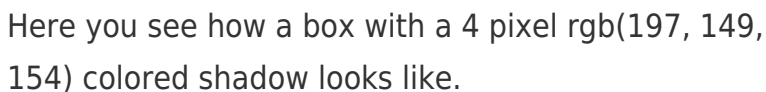
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 149, 154) }
```

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

```
.border{ border-color:rgb(197, 149, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 149, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 149, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 149, 154); box-shadow:4px 4px 4px 4px rgb(197, 149, 154) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6983, 0.3578, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 149, 154) }
```

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

```
.background{ background-color: rgb(197,  
149, 154) }
```

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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