

Converting Colors

$Yxy(36.0404, 0.3698, 0.3205)$

Have a look what the booklet for
Yxy(36.0404, 0.3698, 0.3205)
contains.

Yxy(35.9795, 0.3692, 0.3202)	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(35.9795, 0.3692, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	CE9299
RGB	206, 146, 153
RGB Percent	81%, 57%, 60%
CMY	0.1921, 0.4275, 0.3999
CMYK	0.00, 0.29, 0.26, 0.19
HSL	353°, 38%, 69%
HSV	353°, 29%, 81%
XYZ	41.4854, 35.9795, 34.9008
YIQ	164.7380, 33.5130, 14.8970

Conversions

Conversions Part 2

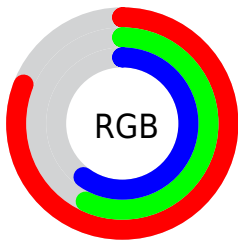
Format	Color
R _Y B	206, 146, 153
Decimal	13537945
CIE Lab	66.50, 23.65, 5.37
CIE LCh	67, 24.257, 12.801
Yxy	35.9795, 0.3692, 0.3202
Android (android.graphics.Color)	4291728025 (0xFFCE9299)
YUV	164.7380, -5.7868, 36.1868
Hunter-Lab	59.9829, 18.4842, 7.4904

Details

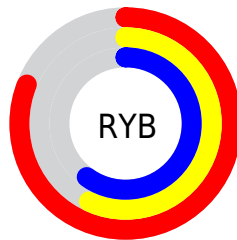
The Yxy color **35.9795, 0.3692, 0.3202** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.3824, 0.2751, 0.3382**, and the grayscale version is **37.5124, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0735, 0.3511, 0.3219**, and **15.6278, 0.3870, 0.3171** is the 20% darker color. If you saturate the color by 10%, you get **29.6358, 0.3981, 0.3171**, and if you desaturate by 10%, it is **43.5627, 0.3457, 0.3234**.

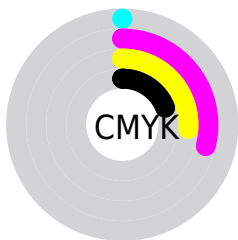
Distribution



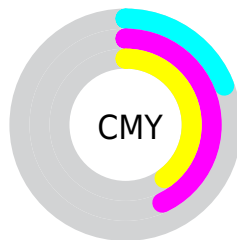
- Red (81%)
- Green (57%)
- Blue (60%)



- Red (81%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (26%)
- Black (19%)





- Cyan (19%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9795, 0.3692, 0.3202 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 35.9795, 0.3692, 0.3202 by changing the saturation by 10% instead.

 35.9795, 0.3692,
0.3202


 35.9795, 0.3692,
0.3202


328.8709, 0.3395,
0.3252

 24.4184, 0.3771,
0.3187


 69.0004, 0.3581,
0.3222

 15.6443, 0.3875,
0.3167


 91.2290, 0.3540,
0.3229

 9.2728, 0.4019,
0.3138


117.7822, 0.3506,
0.3234

 4.9195, 0.4230,
0.3092

149.0444, 0.3477,
0.3239

 2.2001, 0.4568,
0.3010

185.3999, 0.3452,
0.3243

 0.7201, 0.5421,
0.2922

227.2333, 0.3431,

 0.0000, 1.0000,

0.3247

0.0000

274.9288, 0.3412,
0.3249

0.0000, 0.0000,
0.0000

35.9795, 0.3692,
0.3202

35.9795, 0.3692,
0.3202

29.6358, 0.3981,
0.3171

43.5627, 0.3457,
0.3234

24.4608, 0.4329,
0.3144

52.4410, 0.3268,
0.3264

20.3845, 0.4733,
0.3125

62.6728, 0.3115,
0.3292

17.3274, 0.5174,
0.3121

74.3117, 0.2992,
0.3319

15.1990, 0.5612,
0.3137

87.4079, 0.2893,
0.3342

■ 13.8931, 0.5987,
0.3174

■ 91.8635, 0.2838,
0.3289

■ 13.2354, 0.6250,
0.3224

■ 13.1898, 0.6268,
0.3227

Harmonies

Analogous

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



35.9795, 0.3368, 0.2932



35.9795, 0.3692, 0.3202



35.9795, 0.3857, 0.3505

Triad

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



35.9795, 0.3692, 0.3202



35.9795, 0.3228, 0.3916



35.9795, 0.2479, 0.2773

Complementary

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



35.9795, 0.3692, 0.3202



54.3824, 0.2751, 0.3382

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.



35.9795, 0.2449, 0.3005



35.9795, 0.3692, 0.3202



35.9795, 0.2867, 0.3692

Square

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



35.9795, 0.3692, 0.3202



35.9795, 0.3576, 0.3939



35.9795, 0.2586, 0.3344



35.9795, 0.2672, 0.2687

Rectangle

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



35.9795, 0.3692, 0.3202



35.9795, 0.3850, 0.3694



35.9795, 0.2586, 0.3344



35.9795, 0.2450, 0.2835

Sweetspot

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



35.9812, 0.3692, 0.3202



84.9841, 0.3267, 0.3264



37.0213, 0.3085, 0.2555



17.7075, 0.3293, 0.3260



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.



35.9812, 0.3692, 0.3202



51.5835, 0.3867, 0.3182



43.2053, 0.3689, 0.3570



11.2346, 0.3272, 0.3263



8.1283, 0.6245, 0.3214



0.4266, 0.5840, 0.2991

Inverse Universe

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



35.9812, 0.3692, 0.3202



51.5835, 0.3867, 0.3182



44.8515, 0.2677, 0.2991



11.2346, 0.3272, 0.3263



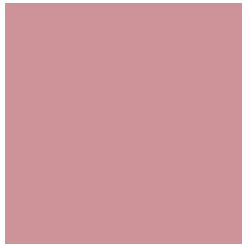
8.1283, 0.6245, 0.3214



0.4266, 0.5840, 0.2991

Previews

White Background



This preview shows how the Yxy color 35.9795, 0.3692, 0.3202 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 35.9795, 0.3692, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

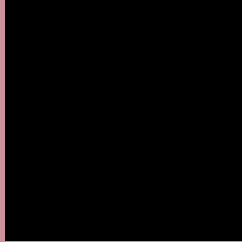
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9795, 0.3692, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 35.9795, 0.3692, 0.3202.



This preview shows how white text looks on a background with the Yxy color 35.9795, 0.3692, 0.3202.

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

35.9795, 0.3692, 0.3202

Protanopia

36.0977, 0.3156, 0.3276

Deuteranopia

35.9564, 0.3436, 0.3360



Tritanopia

35.8069, 0.3652, 0.3139

Trichromacy



Original Color

35.9795, 0.3692, 0.3202

Protanomaly

35.9834, 0.3338, 0.3249

Deuteranomaly

35.7998, 0.3529, 0.3291

Tritanomaly

35.7729, 0.3663, 0.3151

Monochromacy



Original Color

35.9795, 0.3692, 0.3202

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.7302, 0.3316, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9795, 0.3692, 0.3202 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(206, 146, 153)` looks like.

```
.text, #text, p{  
    color:rgb(206, 146, 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(206, 146, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 146, 153) }
```

Border

The CSS property to change the border of an element to Yxy 35.9795, 0.3692, 0.3202 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(206, 146, 153) }
```

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

```
.border{ border-color:rgb(206, 146, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 146, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 146, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 146, 153);  
box-shadow:4px 4px 4px 4px rgb(206, 146,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9795, 0.3692, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 146, 153) }
```

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

```
.background{ background-color: rgb(206,  
146, 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