

Converting Colors

$Y_{xy}(36.0426, 0.3757, 0.3201)$

Have a look what the booklet for
Yxy(36.0426, 0.3757, 0.3201)
contains.

Yxy(35.9152, 0.3751, 0.3191)	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(35.9152, 0.3751, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	D29098
RGB	210, 144, 152
RGB Percent	82%, 56%, 60%
CMY	0.1765, 0.4353, 0.4039
CMYK	0.00, 0.31, 0.28, 0.18
HSL	353°, 42%, 69%
HSV	353°, 31%, 82%
XYZ	42.2181, 35.9152, 34.4183
YIQ	164.6460, 36.7680, 16.4800

Conversions

Conversions Part 2

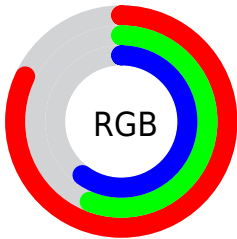
Format	Color
R_{YB}	210, 144, 152
Decimal	13799576
CIE _{Lab}	66.46, 26.09, 5.92
CIE _{LCh}	66, 26.750, 12.793
Yxy	35.9152, 0.3751, 0.3191
Android (android.graphics.Color)	4291989656 (0xFFD29098)
YUV	164.6460, -6.2345, 39.7755
Hunter-Lab	59.9293, 20.8707, 7.8994

Details

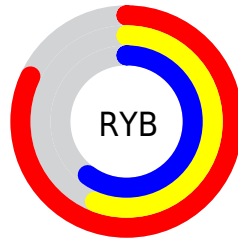
The Yxy color **35.9152, 0.3751, 0.3191** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.2827, 0.2726, 0.3394**, and the grayscale version is **37.4670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1044, 0.3523, 0.3209**, and **15.6383, 0.3955, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **29.5776, 0.4052, 0.3160**, and if you desaturate by 10%, it is **43.5333, 0.3505, 0.3224**.

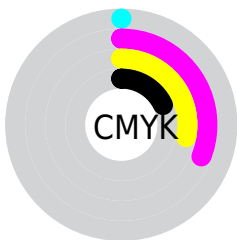
Distribution



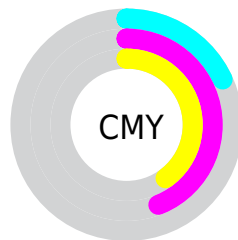
- Red (82%)
- Green (56%)
- Blue (60%)



- Red (82%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (31%)
- Yellow (28%)
- Black (18%)





- Cyan (18%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.9152, 0.3751, 0.3191 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 35.9152, 0.3751, 0.3191 by changing the saturation by 10% instead.

 35.9152, 0.3751,
0.3191


 35.9152, 0.3751,
0.3191


328.5897, 0.3423,
0.3248

 24.3687, 0.3838,
0.3174


 68.9012, 0.3628,
0.3213

 15.6074, 0.3953,
0.3151


 91.1094, 0.3583,
0.3221

 9.2467, 0.4112,
0.3118


117.6404, 0.3546,
0.3228

 4.9025, 0.4345,
0.3065

148.8785, 0.3514,
0.3233

 2.1902, 0.4716,
0.2971

185.2080, 0.3486,
0.3238

 0.7146, 0.5667,
0.2871

227.0135, 0.3463,


 0.0000, 1.0000,


0.3241


0.0000


274.6793, 0.3442,
0.3245

 0.0000, 0.0000,
0.0000


 35.9152, 0.3751,
0.3191


 35.9152, 0.3751,
0.3191


 29.5776, 0.4052,
0.3160

 43.5333, 0.3505,
0.3224


 24.4455, 0.4412,
0.3133

 52.4915, 0.3307,
0.3256


 20.4436, 0.4826,
0.3116

 62.8519, 0.3147,
0.3286

 17.4864, 0.5270,
0.3116

 74.6711, 0.3019,
0.3314

 15.4759, 0.5698,
0.3137

 88.0025, 0.2915,
0.3339

■ 14.2957, 0.6051,
0.3181

■ 92.4404, 0.2860,
0.3289

■ 13.7727, 0.6263,
0.3224

Harmonies

Analogous

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



35.9152, 0.3391, 0.2897



35.9152, 0.3751, 0.3191



35.9152, 0.3934, 0.3522

Triad

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



35.9152, 0.3751, 0.3191



35.9152, 0.3236, 0.3985



35.9152, 0.2417, 0.2720

Complementary

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



35.9152, 0.3751, 0.3191



56.2827, 0.2726, 0.3394

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.



35.9152, 0.2383, 0.2973



35.9152, 0.3751, 0.3191



35.9152, 0.2839, 0.3736

Square

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



35.9152, 0.3751, 0.3191



35.9152, 0.3620, 0.4006



35.9152, 0.2532, 0.3348



35.9152, 0.2626, 0.2629

Rectangle

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



35.9152, 0.3751, 0.3191



35.9152, 0.3925, 0.3731



35.9152, 0.2532, 0.3348



35.9152, 0.2385, 0.2787

Sweetspot

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



35.9169, 0.3751, 0.3191



84.9900, 0.3267, 0.3263



37.0462, 0.3081, 0.2495



17.7089, 0.3292, 0.3258



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.



35.9169, 0.3751, 0.3191



48.6447, 0.3956, 0.3169



43.7943, 0.3746, 0.3593



11.8312, 0.3272, 0.3262



8.4098, 0.6239, 0.3210



0.4782, 0.5846, 0.2994

Inverse Universe

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



35.9169, 0.3751, 0.3191



48.6447, 0.3956, 0.3169



45.6154, 0.2641, 0.2964



11.8312, 0.3272, 0.3262



8.4098, 0.6239, 0.3210



0.4782, 0.5846, 0.2994

Previews

White Background



This preview shows how the Yxy color 35.9152, 0.3751, 0.3191 looks on a white background.

Color Contrast Check

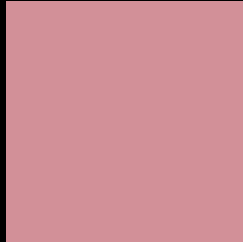
Large Text (above 18pt) WCAG AA × Fail

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 35.9152, 0.3751, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

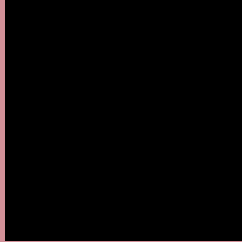
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9152, 0.3751, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 35.9152, 0.3751, 0.3191.



This preview shows how white text looks on a background with the Yxy color 35.9152, 0.3751, 0.3191.

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

35.9152, 0.3751, 0.3191

Protanopia

36.0977, 0.3156, 0.3276

Deuteranopia

35.9240, 0.3446, 0.3374



Tritanopia

36.0147, 0.3719, 0.3153

Trichromacy



Original Color

35.9152, 0.3751, 0.3191

Protanomaly

35.7351, 0.3360, 0.3249

Deuteranomaly

35.8973, 0.3549, 0.3305

Tritanomaly

35.9812, 0.3729, 0.3166

Monochromacy



Original Color

35.9152, 0.3751, 0.3191

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.4758, 0.3337, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9152, 0.3751, 0.3191 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(210, 144, 152)` looks like.

```
.text, #text, p{  
    color:rgb(210, 144, 152)  
}
```

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(210, 144, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 144, 152) }
```

Border

The CSS property to change the border of an element to Yxy 35.9152, 0.3751, 0.3191 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(210, 144, 152) }
```

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

```
.border{ border-color:rgb(210, 144, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 144, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 144, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 144, 152);  
box-shadow:4px 4px 4px 4px rgb(210, 144,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9152, 0.3751, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 144, 152) }
```

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

```
.background{ background-color: rgb(210,  
144, 152) }
```

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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