

Converting Colors

$Yxy(35.5374, 0.3475, 0.3132)$

Have a look what the booklet for
Yxy(35.5374, 0.3475, 0.3132)
contains.

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Color

Yxy(35.5374, 0.3475, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	C295A1
RGB	194, 149, 161
RGB Percent	76%, 58%, 63%
CMY	0.2392, 0.4157, 0.3686
CMYK	0.00, 0.23, 0.17, 0.24
HSL	344°, 27%, 67%
HSV	344°, 23%, 76%
XYZ	39.4293, 35.5374, 38.4989
YIQ	163.8230, 22.9680, 13.2720

Conversions

Conversions Part 2

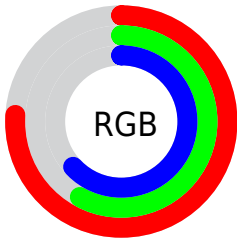
Format	Color
RYB	194, 149, 161
Decimal	12752289
CIELab	66.16, 18.74, 0.24
CIELCh	66, 18.746, 0.730
Yxy	35.5374, 0.3475, 0.3132
Android (android.graphics.Color)	4290942369 (0xFFC295A1)
YUV	163.8230, -1.3917, 26.4652
Hunter-Lab	59.6133, 13.7399, 3.4392

Details

The Yxy color **35.5374, 0.3475, 0.3132** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.3532, 0.2867, 0.3455**, and the grayscale version is **37.0353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1790, 0.3405, 0.3157**, and **15.4366, 0.3584, 0.3074** is the 20% darker color. If you saturate the color by 10%, you get **29.4291, 0.3683, 0.3060**, and if you desaturate by 10%, it is **42.7286, 0.3305, 0.3203**.

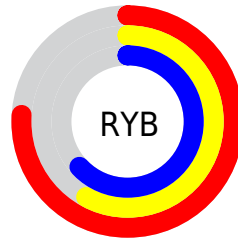
Distribution



Red (76%)

Green (58%)

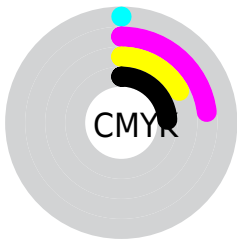
Blue (63%)



Red (76%)

Yellow (58%)

Blue (63%)

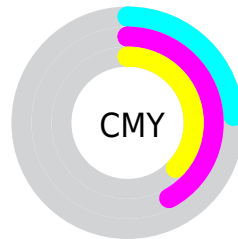


Cyan (0%)

Magenta (23%)

Yellow (17%)

Black (24%)



Cyan (24%)

Magenta (42%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5374, 0.3475, 0.3132 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 35.5374, 0.3475, 0.3132 by changing the saturation by 10% instead.

 35.5374, 0.3475,
0.3132


 35.5374, 0.3475,
0.3132


326.9341, 0.3293,
0.3215

 24.0771, 0.3523,
0.3110


 68.3175, 0.3407,
0.3163

 15.3908, 0.3587,
0.3081


 90.4060, 0.3382,
0.3174

 9.0942, 0.3675,
0.3041


116.8062, 0.3361,
0.3184

 4.8026, 0.3804,
0.2981

147.9023, 0.3343,
0.3192

 2.1319, 0.4013,
0.2886

184.0787, 0.3328,
0.3199

 0.6825, 0.4461,
0.2683

225.7199, 0.3315,

 0.0000, 1.0000,

0.3205

0.0000

273.2102, 0.3303,
0.3210

0.0000, 0.0000,
0.0000

35.5374, 0.3475,
0.3132

35.5374, 0.3475,
0.3132

29.4291, 0.3683,
0.3060

42.7286, 0.3305,
0.3203

24.3463, 0.3936,
0.2990

51.0467, 0.3166,
0.3270

20.2337, 0.4235,
0.2928

60.5393, 0.3053,
0.3332

17.0288, 0.4578,
0.2884

71.2497, 0.2961,
0.3389

14.6617, 0.4953,
0.2868

83.2191, 0.2886,
0.3441

■ 13.0522, 0.5332,
0.2891

■ 89.6666, 0.2817,
0.3381

■ 12.1042, 0.5679,
0.2957

■ 90.2100, 0.2773,
0.3289

■ 11.7154, 0.5885,
0.3016

Harmonies

Analogous

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



35.5374, 0.3199, 0.2939



35.5374, 0.3475, 0.3132



35.5374, 0.3659, 0.3368

Triad

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



35.5374, 0.3475, 0.3132



35.5374, 0.3324, 0.3797



35.5374, 0.2592, 0.2950

Complementary

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



35.5374, 0.3475, 0.3132



48.3532, 0.2867, 0.3455

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.



35.5374, 0.2623, 0.3173



35.5374, 0.3475, 0.3132



35.5374, 0.3037, 0.3682

Square

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



35.5374, 0.3475, 0.3132



35.5374, 0.3566, 0.3760



35.5374, 0.2782, 0.3446



35.5374, 0.2696, 0.2830

Rectangle

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



35.5374, 0.3475, 0.3132



35.5374, 0.3699, 0.3525



35.5374, 0.2782, 0.3446



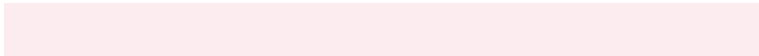
35.5374, 0.2587, 0.3015

Sweetspot

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



35.5390, 0.3475, 0.3132



86.3304, 0.3217, 0.3244



35.3367, 0.3039, 0.2700



18.6996, 0.3225, 0.3240



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.



35.5390, 0.3475, 0.3132



58.3375, 0.3579, 0.3094



38.6098, 0.3568, 0.3431



10.1210, 0.3248, 0.3229



7.7139, 0.5851, 0.2997



0.3452, 0.5194, 0.2635

Inverse Universe

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



35.5390, 0.3475, 0.3132



58.3375, 0.3579, 0.3094



44.3605, 0.2777, 0.3145



10.1210, 0.3248, 0.3229



7.7139, 0.5851, 0.2997



0.3452, 0.5194, 0.2635

Previews

White Background



This preview shows how the Yxy color 35.5374, 0.3475, 0.3132 looks on a white background.

Color Contrast Check

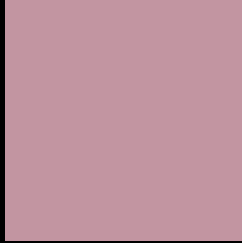
Large Text (above 18pt) WCAG AA × Fail

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 35.5374, 0.3475, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

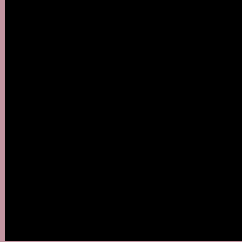
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5374, 0.3475, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 35.5374, 0.3475, 0.3132.



This preview shows how white text looks on a background with the Yxy color 35.5374, 0.3475, 0.3132.

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

35.5374, 0.3475, 0.3132

Protanopia

35.6501, 0.3076, 0.3175

Deuteranopia

35.6621, 0.3298, 0.3235



Tritanopia

35.5374, 0.3475, 0.3132

Trichromacy



Original Color

35.5374, 0.3475, 0.3132

Protanomaly

35.4922, 0.3221, 0.3164

Deuteranomaly

35.3878, 0.3364, 0.3195

Tritanomaly

35.5374, 0.3475, 0.3132

Monochromacy



Original Color

35.5374, 0.3475, 0.3132

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.5546, 0.3246, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5374, 0.3475, 0.3132 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, 149, 161)` looks like.

```
.text, #text, p{  
    color:rgb(194, 149, 161)  
}
```

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, 149, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 149, 161) }
```

Border

The CSS property to change the border of an element to Yxy 35.5374, 0.3475, 0.3132 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, 149, 161) }
```

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

```
.border{ border-color:rgb(194, 149, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 149, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 149, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 149, 161); box-shadow:4px 4px 4px 4px rgb(194, 149, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5374, 0.3475, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 149, 161) }
```

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

```
.background{ background-color: rgb(194,  
149, 161) }
```

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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