

Converting Colors

Yxy(35.3411, 0.3157, 0.2656)

Have a look what the booklet for
Yxy(35.3411, 0.3157, 0.2656)
contains.

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Color

Yxy(35.3109, 0.3157, 0.2657)

Conversions

Conversions Part 1

Format	Color
Hex	C290C2
RGB	194, 144, 194
RGB Percent	76%, 56%, 76%
CMY	0.2392, 0.4353, 0.2393
CMYK	0.00, 0.26, 0.00, 0.24
HSL	300°, 29%, 66%
HSV	300°, 26%, 76%
XYZ	41.9558, 35.3109, 55.6309
YIQ	164.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

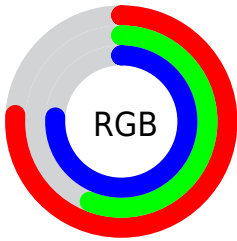
Format	Color
RYB	194, 144, 194
Decimal	12751042
CIELab	65.99, 27.30, -18.53
CIELCh	66, 32.992, 325.838
Yxy	35.3109, 0.3157, 0.2657
Android (android.graphics.Color)	4290941122 (0xFFC290C2)
YUV	164.6500, 14.4696, 25.7400
Hunter-Lab	59.4230, 22.0403, -13.9104

Details

The Yxy color **35.3109, 0.3157, 0.2657** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.5257, 0.3093, 0.4016**, and the grayscale version is **37.3757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8624, 0.3152, 0.2764**, and **15.2976, 0.3165, 0.2487** is the 20% darker color. If you saturate the color by 10%, you get **29.9314, 0.3168, 0.2415**, and if you desaturate by 10%, it is **41.7032, 0.3145, 0.2905**.

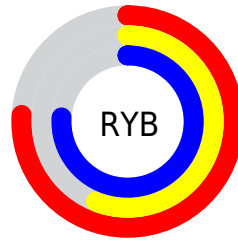
Distribution



Red (76%)

Green (56%)

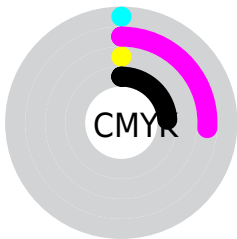
Blue (76%)



Red (76%)

Yellow (56%)

Blue (76%)

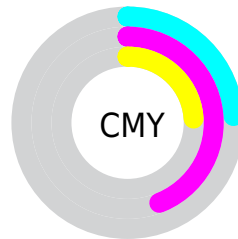


Cyan (0%)

Magenta (26%)

Yellow (0%)

Black (24%)



Cyan (24%)


Magenta (44%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3109, 0.3157, 0.2657 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 35.3109, 0.3157, 0.2657 by changing the saturation by 10% instead.


 35.3109, 0.3157,
0.2657


 35.3109, 0.3157,
0.2657


325.9385, 0.3148,
0.2972

 23.9025, 0.3157,
0.2579


 67.9671, 0.3155,
0.2771

 15.2613, 0.3157,
0.2481


 89.9837, 0.3154,
0.2814

 9.0030, 0.3154,
0.2350


116.3051, 0.3153,
0.2850

 4.7431, 0.3146,
0.2171

147.3157, 0.3152,
0.2881

 2.0973, 0.3125,
0.1912

183.4000, 0.3151,
0.2908

 0.6631, 0.3079,
0.1476

224.9423, 0.3150,

 0.0000, 0.2314,

0.2932

0.0000

272.3270, 0.3149,
0.2953

0.0000, 0.0000,
0.0000

35.3109, 0.3157,
0.2657

35.3109, 0.3157,
0.2657

29.9314, 0.3168,
0.2415

41.7032, 0.3145,
0.2905

25.5086, 0.3179,
0.2189

49.1516, 0.3134,
0.3151

21.9876, 0.3189,
0.1987

57.7026, 0.3122,
0.3390

19.3066, 0.3197,
0.1818

67.3984, 0.3112,
0.3616

17.3956, 0.3203,
0.1689

78.2792, 0.3102,
0.3827

■ 16.1735, 0.3207,
0.1602

■ 86.8842, 0.3095,
0.3970

■ 15.5393, 0.3209,
0.1555

■ 86.8845, 0.3095,
0.3969

■ 15.3609, 0.3210,
0.1542

■ 86.8847, 0.3095,
0.3969

■ 86.8850, 0.3095,
0.3969

Harmonies

Analogous

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



35.3109, 0.2678, 0.2500



35.3109, 0.3157, 0.2657



35.3109, 0.3666, 0.2953

Triad

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



35.3109, 0.3157, 0.2657



35.3109, 0.3940, 0.4062



35.3109, 0.2292, 0.3138

Complementary

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



35.3109, 0.3157, 0.2657



46.5257, 0.3093, 0.4016

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.



35.3109, 0.2584, 0.3645



35.3109, 0.3157, 0.2657



35.3109, 0.3532, 0.4209

Square

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



35.3109, 0.3157, 0.2657



35.3109, 0.4134, 0.3731



35.3109, 0.3034, 0.4063



35.3109, 0.2211, 0.2734

Rectangle

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



35.3109, 0.3157, 0.2657



35.3109, 0.3938, 0.3201



35.3109, 0.3034, 0.4063



35.3109, 0.2368, 0.3303

Sweetspot

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



35.3124, 0.3157, 0.2657



85.6924, 0.3136, 0.3094



29.7748, 0.2688, 0.2564



18.3003, 0.3138, 0.3056



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.



35.3124, 0.3157, 0.2657



58.1807, 0.3164, 0.2517



34.2830, 0.3403, 0.2962



10.2475, 0.3138, 0.3063



10.1000, 0.3210, 0.1542



0.4364, 0.3210, 0.1542

Inverse Universe

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



35.3124, 0.3157, 0.2657



58.1807, 0.3164, 0.2517



47.3759, 0.2919, 0.3644



10.2475, 0.3138, 0.3063



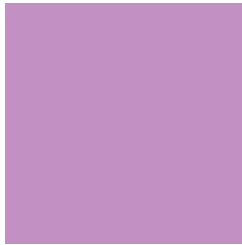
10.1000, 0.3210, 0.1542



0.4364, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 35.3109, 0.3157, 0.2657 looks on a white background.

Color Contrast Check

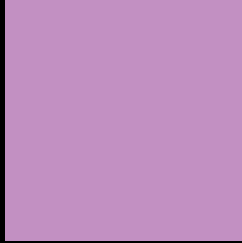
Large Text (above 18pt) WCAG AA × Fail

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 35.3109, 0.3157, 0.2657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

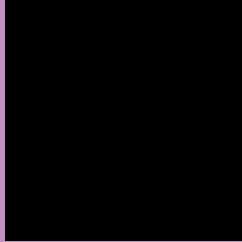
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3109, 0.3157, 0.2657

Background



This preview shows how black text looks on a background with the Yxy color 35.3109, 0.3157, 0.2657.



This preview shows how white text looks on a background with the Yxy color 35.3109, 0.3157, 0.2657.

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

35.3109, 0.3157, 0.2657

Protanopia

35.5455, 0.2677, 0.2666

Deuteranopia

35.4968, 0.2865, 0.2804



Tritanopia

35.3685, 0.3421, 0.3130

Trichromacy



Original Color

35.3109, 0.3157, 0.2657

Protanomaly

35.2807, 0.2835, 0.2668

Deuteranomaly

35.1910, 0.2964, 0.2738

Tritanomaly

35.3122, 0.3315, 0.2948

Monochromacy



Original Color

35.3109, 0.3157, 0.2657

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.4786, 0.3139, 0.3030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3109, 0.3157, 0.2657 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, 144, 194)` looks like.

```
.text, #text, p{  
    color:rgb(194, 144, 194)  
}
```

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, 144, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 144, 194) }
```

Border

The CSS property to change the border of an element to Yxy 35.3109, 0.3157, 0.2657 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, 144, 194) }
```

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

```
.border{ border-color:rgb(194, 144, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 144, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 144, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 144, 194);  
box-shadow:4px 4px 4px 4px rgb(194, 144,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3109, 0.3157, 0.2657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 144, 194) }
```

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

```
.background{ background-color: rgb(194,  
144, 194) }
```

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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