

Converting Colors

$Y_{xy}(35.3472, 0.3090, 0.2612)$

Have a look what the booklet for
Yxy(35.3472, 0.3090, 0.2612)
contains.

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Color

Yxy(35.4044, 0.3091, 0.2617)

Conversions

Conversions Part 1

Format	Color
Hex	BF91C6
RGB	191, 145, 198
RGB Percent	75%, 57%, 78%
CMY	0.2507, 0.4315, 0.2235
CMYK	0.04, 0.27, 0.00, 0.22
HSL	292°, 32%, 67%
HSV	292°, 27%, 78%
XYZ	41.8170, 35.4044, 58.0648
YIQ	164.7960, 10.4030, 26.2350

Conversions

Conversions Part 2

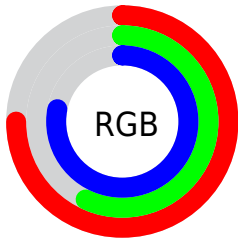
Format	Color
R _Y B	191, 145, 198
Decimal	12554694
CIE Lab	66.06, 26.57, -20.70
CIE LCh	66, 33.679, 322.076
Yxy	35.4044, 0.3091, 0.2617
Android (android.graphics.Color)	4290744774 (0xFFBF91C6)
YUV	164.7960, 16.3696, 22.9809
Hunter-Lab	59.5016, 21.3197, -16.2072

Details

The Yxy color **35.4044, 0.3091, 0.2617** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.1077, 0.3145, 0.4039**, and the grayscale version is **37.4431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0233, 0.3101, 0.2733**, and **15.3374, 0.3071, 0.2434** is the 20% darker color. If you saturate the color by 10%, you get **29.5401, 0.3071, 0.2362**, and if you desaturate by 10%, it is **42.3323, 0.3107, 0.2874**.

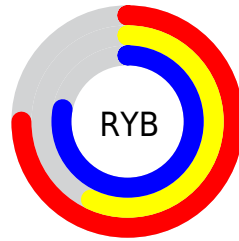
Distribution



Red (75%)

Green (57%)

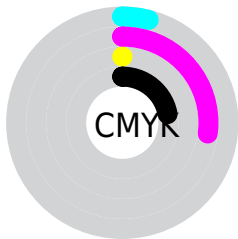
Blue (78%)



Red (75%)

Yellow (57%)

Blue (78%)

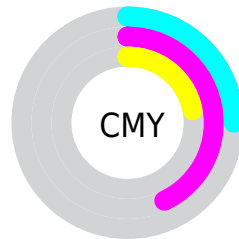


Cyan (4%)

Magenta (27%)

Yellow (0%)

Black (22%)



Cyan (25%)


Magenta (43%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.4044, 0.3091, 0.2617 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 35.4044, 0.3091, 0.2617 by changing the saturation by 10% instead.


 35.4044, 0.3091,
0.2617


 35.4044, 0.3091,
0.2617


326.3497, 0.3117,
0.2950

 23.9746, 0.3082,
0.2535


 68.1118, 0.3102,
0.2737

 15.3147, 0.3070,
0.2431


 90.1581, 0.3106,
0.2783

 9.0406, 0.3050,
0.2294


116.5120, 0.3109,
0.2821

 4.7677, 0.3019,
0.2107

147.5580, 0.3111,
0.2854

 2.1116, 0.2962,
0.1839

183.6803, 0.3113,
0.2883

 0.6711, 0.2854,
0.1399

225.2635, 0.3114,

 0.0000, 0.1941,

0.2908

0.0000

272.6918, 0.3115,
0.2931

0.0000, 0.0000,
0.0000

35.4044, 0.3091,
0.2617

35.4044, 0.3091,
0.2617

29.5401, 0.3071,
0.2362

42.3323, 0.3107,
0.2874

24.6801, 0.3047,
0.2118

50.3701, 0.3120,
0.3125

20.7662, 0.3020,
0.1896


59.5668, 0.3130,
0.3366


17.7323, 0.2990,
0.1704

69.9670, 0.3137,
0.3592


15.5040, 0.2957,
0.1552

81.6133, 0.3142,
0.3801


 13.9943, 0.2924,
0.1443


 88.8114, 0.3151,
0.3909

 13.0877, 0.2890,
0.1377

 89.1876, 0.3167,
0.3906

 12.8547, 0.2879,
0.1359

 89.5699, 0.3183,
0.3903

 89.9585, 0.3200,
0.3900

Harmonies

Analogous

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



35.4044, 0.2617, 0.2478



35.4044, 0.3091, 0.2617



35.4044, 0.3615, 0.2903

Triad

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



35.4044, 0.3091, 0.2617



35.4044, 0.3994, 0.4041



35.4044, 0.2303, 0.3197

Complementary

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



35.4044, 0.3091, 0.2617



49.1077, 0.3145, 0.4039

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.



35.4044, 0.2624, 0.3716



35.4044, 0.3091, 0.2617



35.4044, 0.3599, 0.4224

Square

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



35.4044, 0.3091, 0.2617



35.4044, 0.4159, 0.3689



35.4044, 0.3095, 0.4116



35.4044, 0.2192, 0.2764

Rectangle

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



35.4044, 0.3091, 0.2617



35.4044, 0.3909, 0.3149



35.4044, 0.3095, 0.4116



35.4044, 0.2388, 0.3369

Sweetspot

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



35.4059, 0.3091, 0.2617



87.1641, 0.3119, 0.3092



32.5677, 0.2677, 0.2634



18.1725, 0.3117, 0.3054



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.



35.4059, 0.3091, 0.2617



56.5479, 0.3080, 0.2471



35.4887, 0.3345, 0.2860



10.7434, 0.3117, 0.3061



8.3849, 0.2883, 0.1362



0.4172, 0.2955, 0.1402

Inverse Universe

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



34.5162, 0.3623, 0.3200



54.7656, 0.3769, 0.3180



49.1087, 0.2959, 0.3764



10.6592, 0.3269, 0.3260



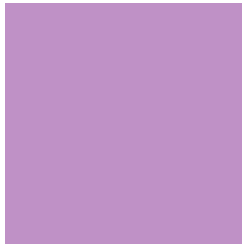
7.8633, 0.6216, 0.3198



0.3799, 0.5752, 0.2942

Previews

White Background



This preview shows how the Yxy color 35.4044, 0.3091, 0.2617 looks on a white background.

Color Contrast Check

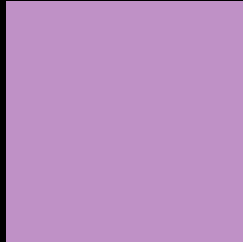
Large Text (above 18pt) WCAG AA × Fail

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 35.4044, 0.3091, 0.2617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

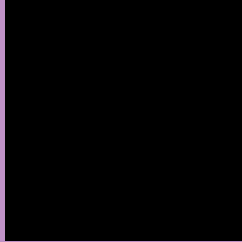
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4044, 0.3091, 0.2617

Background



This preview shows how black text looks on a background with the Yxy color 35.4044, 0.3091, 0.2617.



This preview shows how white text looks on a background with the Yxy color 35.4044, 0.3091, 0.2617.

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

35.4044, 0.3091, 0.2617

Protanopia

35.6462, 0.2641, 0.2615

Deuteranopia

35.4704, 0.2817, 0.2751



Tritanopia

35.5399, 0.3367, 0.3141

Trichromacy



Original Color

35.4044, 0.3091, 0.2617

Protanomaly

35.3633, 0.2796, 0.2618

Deuteranomaly

35.4716, 0.2912, 0.2700

Tritanomaly

35.3208, 0.3264, 0.2932

Monochromacy



Original Color

35.4044, 0.3091, 0.2617

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.6267, 0.3111, 0.3029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4044, 0.3091, 0.2617 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(191, 145, 198)` looks like.

```
.text, #text, p{  
    color:rgb(191, 145, 198)  
}
```

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(191, 145, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 145, 198) }
```

Border

The CSS property to change the border of an element to Yxy 35.4044, 0.3091, 0.2617 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(191, 145, 198) }
```

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

```
.border{ border-color:rgb(191, 145, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 145, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 145, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 145, 198);  
box-shadow:4px 4px 4px 4px rgb(191, 145,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4044, 0.3091, 0.2617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 145, 198) }
```

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

```
.background{ background-color: rgb(191,  
145, 198) }
```

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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