

Converting Colors

$Y_{xy}(35.9710, 0.2999, 0.2488)$

Have a look what the booklet for
Yxy(35.9710, 0.2999, 0.2488)
contains.

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Color

Yxy(36.0607, 0.3003, 0.2497)

Conversions

Conversions Part 1

Format	Color
Hex	C091D1
RGB	192, 145, 209
RGB Percent	75%, 57%, 82%
CMY	0.2471, 0.4313, 0.1804
CMYK	0.08, 0.31, 0.00, 0.18
HSL	284°, 41%, 69%
HSV	284°, 31%, 82%
XYZ	43.3682, 36.0607, 64.9872
YIQ	166.3490, 7.4680, 29.8680

Conversions

Conversions Part 2

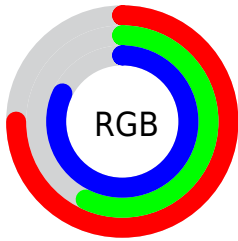
Format	Color
<code>RYB</code>	<code>192, 145, 209</code>
Decimal	<code>12620241</code>
CIELab	<code>66.57, 29.04, -26.04</code>
CIELCh	<code>67, 39.002, 318.123</code>
Yxy	<code>36.0607, 0.3003, 0.2497</code>
Android (<code>android.graphics.Color</code>)	<code>4290810321 (0xFFC091D1)</code>
YUV	<code>166.3490, 21.0269, 22.4959</code>
Hunter-Lab	<code>60.0506, 23.8231, -22.1288</code>

Details

The Yxy color **36.0607, 0.3003, 0.2497** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.3219, 0.3211, 0.4149**, and the grayscale version is **38.2049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2066, 0.3109, 0.2734**, and **15.7418, 0.2962, 0.2295** is the 20% darker color. If you saturate the color by 10%, you get **29.5402, 0.2948, 0.2228**, and if you desaturate by 10%, it is **43.7864, 0.3051, 0.2766**.

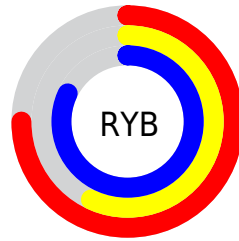
Distribution



Red (75%)

Green (57%)

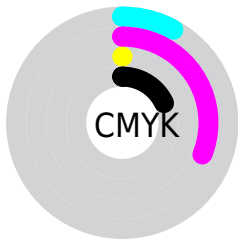
Blue (82%)



Red (75%)

Yellow (57%)

Blue (82%)

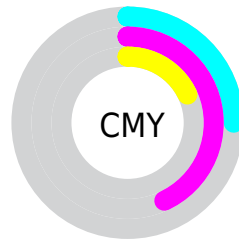


Cyan (8%)

Magenta (31%)

Yellow (0%)

Black (18%)



Cyan (25%)


Magenta (43%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0607, 0.3003, 0.2497 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 36.0607, 0.3003, 0.2497 by changing the saturation by 10% instead.

 36.0607, 0.3003,
0.2497


 36.0607, 0.3003,
0.2497


329.2258, 0.3076,
0.2885

 24.4811, 0.2982,
0.2404


 69.1257, 0.3032,
0.2635

 15.6909, 0.2953,
0.2286


 91.3800, 0.3042,
0.2688

 9.3057, 0.2912,
0.2133


117.9612, 0.3050,
0.2733

 4.9411, 0.2849,
0.1929

149.2537, 0.3057,
0.2772

 2.2127, 0.2746,
0.1643

185.6421, 0.3063,
0.2805

 0.7269, 0.2559,
0.1214

227.5106, 0.3068,

 0.0000, 0.1905,

0.2835

0.0000


275.2437, 0.3072,
0.2861


 0.0000, 0.0000,
0.0000

 36.0607, 0.3003,
0.2497


 36.0607, 0.3003,
0.2497

 29.5402, 0.2948,
0.2228


 43.7864, 0.3051,
0.2766


 24.1555, 0.2886,
0.1969


 52.7726, 0.3091,
0.3027

 19.8371, 0.2819,
0.1731

 63.0765, 0.3125,
0.3275

 16.5059, 0.2748,
0.1526

 74.7507, 0.3153,
0.3507

 14.0716, 0.2676,
0.1362

 87.8447, 0.3175,
0.3720

■ 12.4268, 0.2605,
0.1246

■ 92.1798, 0.3206,
0.3769

■ 11.4193, 0.2540,
0.1173

■ 93.0885, 0.3242,
0.3764

■ 94.0266, 0.3278,
0.3759

■ 94.9943, 0.3314,
0.3753

Harmonies

Analogous

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



36.0607, 0.2484, 0.2363



36.0607, 0.3003, 0.2497



36.0607, 0.3610, 0.2798

Triad

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



36.0607, 0.3003, 0.2497



36.0607, 0.4160, 0.4093



36.0607, 0.2222, 0.3252

Complementary

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



36.0607, 0.3003, 0.2497



55.3219, 0.3211, 0.4149

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.



36.0607, 0.2610, 0.3859



36.0607, 0.3003, 0.2497



36.0607, 0.3729, 0.4353

Square

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



36.0607, 0.3003, 0.2497



36.0607, 0.4313, 0.3671



36.0607, 0.3160, 0.4291



36.0607, 0.2069, 0.2734

Rectangle

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



36.0607, 0.3003, 0.2497



36.0607, 0.3969, 0.3066



36.0607, 0.3160, 0.4291



36.0607, 0.2327, 0.3456

Sweetspot

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



36.0622, 0.3003, 0.2497



85.0830, 0.3097, 0.3066



36.4899, 0.2616, 0.2643



17.7301, 0.3092, 0.3028



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.



36.0622, 0.3003, 0.2497



49.3988, 0.2966, 0.2313



37.7058, 0.3302, 0.2697



11.8445, 0.3096, 0.3058



7.0921, 0.2550, 0.1178



0.4341, 0.2676, 0.1248

Inverse Universe

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



36.4171, 0.3629, 0.3078



50.1609, 0.3790, 0.3029



54.1514, 0.2990, 0.3967



11.8591, 0.3249, 0.3228



8.5451, 0.5863, 0.3003



0.4911, 0.5329, 0.2709

Previews

White Background



This preview shows how the Yxy color 36.0607, 0.3003, 0.2497 looks on a white background.

Color Contrast Check

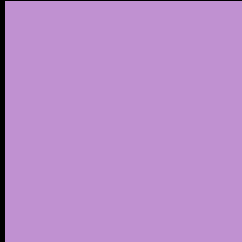
Large Text (above 18pt) WCAG AA × Fail

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 36.0607, 0.3003, 0.2497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

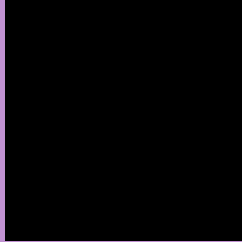
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0607, 0.3003, 0.2497

Background



This preview shows how black text looks on a background with the Yxy color 36.0607, 0.3003, 0.2497.



This preview shows how white text looks on a background with the Yxy color 36.0607, 0.3003, 0.2497.

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

36.0607, 0.3003, 0.2497

Protanopia

36.3287, 0.2541, 0.2484

Deuteranopia

36.2211, 0.2711, 0.2650



Tritanopia

35.8134, 0.3335, 0.3128

Trichromacy



Original Color

36.0607, 0.3003, 0.2497

Protanomaly

36.0819, 0.2691, 0.2489

Deuteranomaly

35.9410, 0.2807, 0.2589

Tritanomaly

35.8403, 0.3216, 0.2882

Monochromacy



Original Color

36.0607, 0.3003, 0.2497

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.9451, 0.3076, 0.2964

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0607, 0.3003, 0.2497 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(192, 145, 209)` looks like.

```
.text, #text, p{  
    color:rgb(192, 145, 209)  
}
```

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(192, 145, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 145, 209) }
```

Border

The CSS property to change the border of an element to Yxy 36.0607, 0.3003, 0.2497 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(192, 145, 209) }
```

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

```
.border{ border-color:rgb(192, 145, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 145, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 145, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 145, 209);  
box-shadow:4px 4px 4px 4px rgb(192, 145,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0607, 0.3003, 0.2497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 145, 209) }
```

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

```
.background{ background-color: rgb(192,  
145, 209) }
```

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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