

Converting Colors

$Y_{xy}(35.5405, 0.3097, 0.2476)$

Have a look what the booklet for
Yxy(35.5405, 0.3097, 0.2476)
contains.

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Color

Yxy(35.5405, 0.3097, 0.2476)

Conversions

Conversions Part 1

Format	Color
Hex	C88CCF
RGB	200, 140, 207
RGB Percent	78%, 55%, 81%
CMY	0.2158, 0.4509, 0.1883
CMYK	0.03, 0.32, 0.00, 0.19
HSL	294°, 41%, 68%
HSV	294°, 32%, 81%
XYZ	44.4543, 35.5405, 63.5452
YIQ	165.5780, 14.2530, 33.5570

Conversions

Conversions Part 2

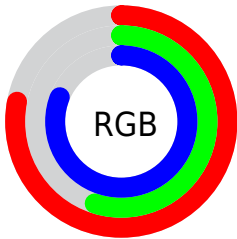
Format	Color
R _{YB}	200, 140, 207
Decimal	13143247
CIE _{Lab}	66.17, 33.95, -25.47
CIE _{LCh}	66, 42.439, 323.121
Yxy	35.5405, 0.3097, 0.2476
Android (android.graphics.Color)	4291333327 (0xFFC88CCF)
YUV	165.5780, 20.4210, 30.1881
Hunter-Lab	59.6159, 28.7761, -21.4667

Details

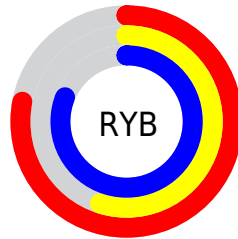
The Yxy color **35.5405, 0.3097, 0.2476** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.7240, 0.3133, 0.4227**, and the grayscale version is **37.8144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0636, 0.3155, 0.2693**, and **15.4315, 0.3079, 0.2272** is the 20% darker color. If you saturate the color by 10%, you get **29.7537, 0.3081, 0.2229**, and if you desaturate by 10%, it is **42.4725, 0.3109, 0.2731**.

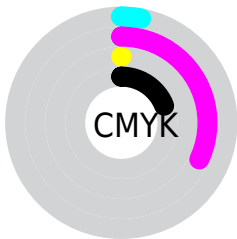
Distribution



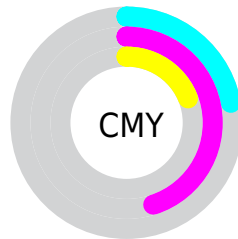
- Red (78%)
- Green (55%)
- Blue (81%)



- Red (78%)
- Yellow (55%)
- Blue (81%)



- Cyan (3%)
- Magenta (32%)
- Yellow (0%)
- Black (19%)




- Cyan (22%)
- Magenta (45%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5405, 0.3097, 0.2476 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 35.5405, 0.3097, 0.2476 by changing the saturation by 10% instead.


 35.5405, 0.3097,
0.2476


 35.5405, 0.3097,
0.2476


326.9477, 0.3123,
0.2873

 24.0795, 0.3087,
0.2381


 68.3222, 0.3109,
0.2618

 15.3926, 0.3073,
0.2261


 90.4118, 0.3112,
0.2672

 9.0954, 0.3051,
0.2105


 116.8130, 0.3115,
0.2717

 4.8035, 0.3015,
0.1898

147.9103, 0.3118,
0.2757

 2.1324, 0.2949,
0.1609

184.0880, 0.3119,
0.2792

 0.6828, 0.2823,
0.1167

225.7305, 0.3121,


 0.0000, 0.2378,


0.2822


0.0000

273.2223, 0.3122,
0.2849

 0.0000, 0.0000,
0.0000


 35.5405, 0.3097,
0.2476


 35.5405, 0.3097,
0.2476


 29.7537, 0.3081,
0.2229

 42.4725, 0.3109,
0.2731


 25.0434, 0.3063,
0.2000


 50.6041, 0.3119,
0.2986

 21.3410, 0.3041,
0.1798

 59.9916, 0.3126,
0.3233

 18.5677, 0.3017,
0.1633

 70.6865, 0.3130,
0.3469

 16.6334, 0.2992,
0.1511

 82.7376, 0.3133,
0.3688

■ 15.4296, 0.2965,
0.1433

■ 90.1698, 0.3140,
0.3802

■ 14.8565, 0.2944,
0.1396

■ 90.4964, 0.3154,
0.3800

■ 90.8274, 0.3167,
0.3798

■ 91.1627, 0.3181,
0.3796

Harmonies

Analogous

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



35.5405, 0.2508, 0.2299



35.5405, 0.3097, 0.2476



35.5405, 0.3760, 0.2823

Triad

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



35.5405, 0.3097, 0.2476



35.5405, 0.4186, 0.4220



35.5405, 0.2099, 0.3135

Complementary

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



35.5405, 0.3097, 0.2476



52.7240, 0.3133, 0.4227

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.



35.5405, 0.2475, 0.3808



35.5405, 0.3097, 0.2476



35.5405, 0.3678, 0.4471

Square

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



35.5405, 0.3097, 0.2476



35.5405, 0.4419, 0.3775



35.5405, 0.3050, 0.4341



35.5405, 0.1982, 0.2608

Rectangle

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



35.5405, 0.3097, 0.2476



35.5405, 0.4130, 0.3120



35.5405, 0.3050, 0.4341



35.5405, 0.2197, 0.3354

Sweetspot

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



35.5420, 0.3097, 0.2476



84.2923, 0.3121, 0.3042



31.2087, 0.2567, 0.2454



17.6057, 0.3120, 0.3006



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.



35.5420, 0.3097, 0.2476



50.1826, 0.3086, 0.2299



35.3754, 0.3416, 0.2779



11.9435, 0.3121, 0.3060



9.3852, 0.2948, 0.1398



0.5433, 0.2999, 0.1426

Inverse Universe

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



34.1338, 0.3788, 0.3202



47.6384, 0.4004, 0.3183



52.9424, 0.2919, 0.3865



11.8281, 0.3274, 0.3266



8.4003, 0.6267, 0.3226



0.4767, 0.5914, 0.3032

Previews

White Background



This preview shows how the Yxy color 35.5405, 0.3097, 0.2476 looks on a white background.

Color Contrast Check

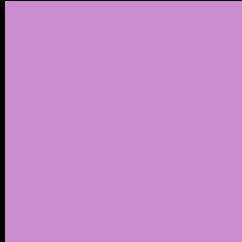
Large Text (above 18pt) WCAG AA × Fail

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 35.5405, 0.3097, 0.2476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

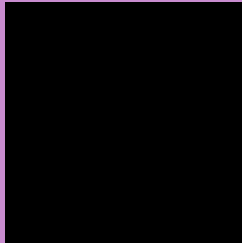
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5405, 0.3097, 0.2476

Background



This preview shows how black text looks on a background with the Yxy color 35.5405, 0.3097, 0.2476.



This preview shows how white text looks on a background with the Yxy color 35.5405, 0.3097, 0.2476.

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

35.5405, 0.3097, 0.2476

Protanopia

35.8564, 0.2519, 0.2456

Deuteranopia

35.7819, 0.2724, 0.2660



Tritanopia

35.5374, 0.3475, 0.3132

Trichromacy



Original Color

35.5405, 0.3097, 0.2476



Protanomaly

35.3069, 0.2704, 0.2452



Deuteranomaly

35.1989, 0.2847, 0.2577



Tritanomaly

35.5079, 0.3329, 0.2878

Monochromacy



Original Color

35.5405, 0.3097, 0.2476



Achromatopsia

38.1326, 0.3127, 0.3290



Achromatomaly

36.9151, 0.3114, 0.2966

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5405, 0.3097, 0.2476 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(200, 140, 207)` looks like.

```
.text, #text, p{  
    color:rgb(200, 140, 207)  
}
```

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(200, 140, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 140, 207) }
```

Border

The CSS property to change the border of an element to Yxy 35.5405, 0.3097, 0.2476 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(200, 140, 207) }
```

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

```
.border{ border-color:rgb(200, 140, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 140, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 140, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 140, 207);  
box-shadow:4px 4px 4px 4px rgb(200, 140,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5405, 0.3097, 0.2476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 140, 207) }
```

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

```
.background{ background-color: rgb(200,  
140, 207) }
```

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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