

Converting Colors

$Y_{xy}(35.7010, 0.3165, 0.2704)$

Have a look what the booklet for
Yxy(35.7010, 0.3165, 0.2704)
contains.

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Color

Yxy(35.7010, 0.3165, 0.2704)

Conversions

Conversions Part 1

Format	Color
Hex	C192C0
RGB	193, 146, 192
RGB Percent	76%, 57%, 75%
CMY	0.2430, 0.4275, 0.2472
CMYK	0.00, 0.24, 0.01, 0.24
HSL	301°, 28%, 66%
HSV	301°, 24%, 76%
XYZ	41.7876, 35.7010, 54.5417
YIQ	165.2970, 13.2460, 24.2700

Conversions

Conversions Part 2

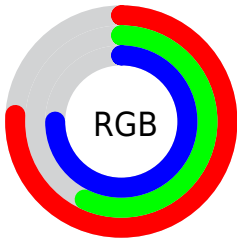
Format	Color
R_{YB}	193, 146, 192
Decimal	12686016
CIE _{Lab}	66.29, 25.49, -16.96
CIE _{LCh}	66, 30.617, 326.370
Yxy	35.7010, 0.3165, 0.2704
Android (android.graphics.Color)	4290876096 (0xFFC192C0)
YUV	165.2970, 13.1646, 24.2955
Hunter-Lab	59.7503, 20.2746, -12.2963

Details

The Yxy color **35.7010, 0.3165, 0.2704** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.3698, 0.3088, 0.3955**, and the grayscale version is **37.7087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4099, 0.3165, 0.2811**, and **15.5084, 0.3176, 0.2548** is the 20% darker color. If you saturate the color by 10%, you get **30.2265, 0.3182, 0.2465**, and if you desaturate by 10%, it is **42.1834, 0.3149, 0.2947**.

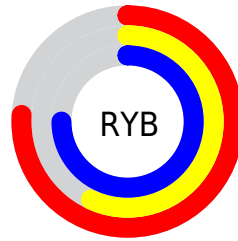
Distribution



Red (76%)

Green (57%)

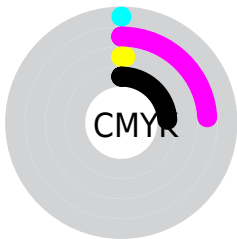
Blue (75%)



Red (76%)

Yellow (57%)

Blue (75%)

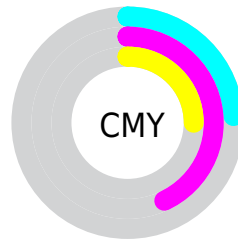


Cyan (0%)

Magenta (24%)

Yellow (1%)

Black (24%)



Cyan (24%)


Magenta (43%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7010, 0.3165, 0.2704 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 35.7010, 0.3165, 0.2704 by changing the saturation by 10% instead.


 35.7010, 0.3165,
0.2704


 35.7010, 0.3165,
0.2704


327.6518, 0.3151,
0.2996

 24.2034, 0.3167,
0.2632


 68.5703, 0.3161,
0.2810

 15.4845, 0.3168,
0.2539


 90.7108, 0.3159,
0.2849

 9.1602, 0.3169,
0.2417


117.1677, 0.3158,
0.2883

 4.8458, 0.3166,
0.2249

148.3253, 0.3156,
0.2912

 2.1571, 0.3154,
0.2003

184.5682, 0.3155,
0.2937

 0.6964, 0.3123,
0.1592

226.2806, 0.3153,

 0.0000, 0.2391,

0.2959

0.0000

273.8470, 0.3152,
0.2979

■ 0.0000, 0.0000,
0.0000

■ 35.7010, 0.3165,
0.2704

■ 35.7010, 0.3165,
0.2704

■ 30.2265, 0.3182,
0.2465

■ 42.1834, 0.3149,
0.2947

■ 25.7048, 0.3198,
0.2239

■ 49.7158, 0.3134,
0.3188

■ 22.0826, 0.3214,
0.2036

■ 58.3439, 0.3119,
0.3419

■ 19.2995, 0.3229,
0.1864

■ 68.1089, 0.3106,
0.3638

■ 17.2879, 0.3242,
0.1730

■ 79.0503, 0.3094,
0.3843

■ 15.9694, 0.3253,
0.1639

■ 86.7810, 0.3086,
0.3964

■ 15.2494, 0.3262,
0.1589

■ 86.8005, 0.3084,
0.3959

■ 15.0022, 0.3266,
0.1573

■ 86.8201, 0.3082,
0.3954

■ 86.8397, 0.3079,
0.3949

Harmonies

Analogous

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



35.7010, 0.2718, 0.2555



35.7010, 0.3165, 0.2704



35.7010, 0.3633, 0.2983

Triad

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



35.7010, 0.3165, 0.2704



35.7010, 0.3877, 0.4013



35.7010, 0.2348, 0.3145

Complementary

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



35.7010, 0.3165, 0.2704



46.3698, 0.3088, 0.3955

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.



35.7010, 0.2619, 0.3610



35.7010, 0.3165, 0.2704



35.7010, 0.3498, 0.4138

Square

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



35.7010, 0.3165, 0.2704



35.7010, 0.4058, 0.3711



35.7010, 0.3036, 0.3995



35.7010, 0.2274, 0.2772

Rectangle

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



35.7010, 0.3165, 0.2704



35.7010, 0.3882, 0.3217



35.7010, 0.3036, 0.3995



35.7010, 0.2418, 0.3297

Sweetspot

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



35.7026, 0.3165, 0.2704



85.1195, 0.3138, 0.3122



30.5916, 0.2722, 0.2611



18.0809, 0.3139, 0.3108



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.7026, 0.3165, 0.2704



58.7143, 0.3173, 0.2581



34.7523, 0.3392, 0.2991



10.2435, 0.3141, 0.3068



9.9771, 0.3265, 0.1572



0.4323, 0.3252, 0.1565

Inverse Universe

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



35.7026, 0.3165, 0.2704



58.7143, 0.3173, 0.2581



47.1751, 0.2925, 0.3611



10.2435, 0.3141, 0.3068



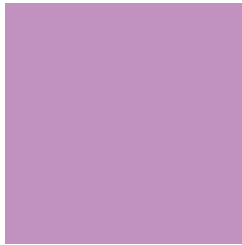
9.9771, 0.3265, 0.1572



0.4323, 0.3252, 0.1565

Previews

White Background



This preview shows how the Yxy color 35.7010, 0.3165, 0.2704 looks on a white background.

Color Contrast Check

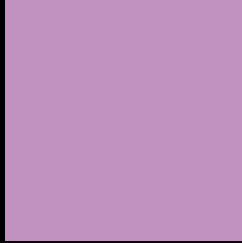
Large Text (above 18pt) WCAG AA × Fail

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 35.7010, 0.3165, 0.2704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

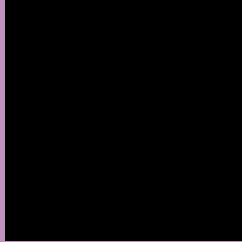
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7010, 0.3165, 0.2704

Background



This preview shows how black text looks on a background with the Yxy color 35.7010, 0.3165, 0.2704.



This preview shows how white text looks on a background with the Yxy color 35.7010, 0.3165, 0.2704.

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

35.7010, 0.3165, 0.2704

Protanopia

35.9380, 0.2715, 0.2720

Deuteranopia

35.9580, 0.2900, 0.2847



Tritanopia

35.5964, 0.3399, 0.3130

Trichromacy



Original Color

35.7010, 0.3165, 0.2704

Protanomaly

35.6269, 0.2861, 0.2707

Deuteranomaly

35.8715, 0.2990, 0.2792

Tritanomaly

35.4980, 0.3304, 0.2960

Monochromacy



Original Color

35.7010, 0.3165, 0.2704

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.6628, 0.3138, 0.3056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7010, 0.3165, 0.2704 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(193, 146, 192)` looks like.

```
.text, #text, p{  
    color:rgb(193, 146, 192)  
}
```

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(193, 146, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 146, 192) }
```

Border

The CSS property to change the border of an element to Yxy 35.7010, 0.3165, 0.2704 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(193, 146, 192) }
```

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

```
.border{ border-color:rgb(193, 146, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 146, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 146, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 146, 192);  
box-shadow:4px 4px 4px 4px rgb(193, 146,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7010, 0.3165, 0.2704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 146, 192) }
```

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

```
.background{ background-color: rgb(193,  
146, 192) }
```

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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