

Converting Colors

$Yxy(35.2184, 0.3274, 0.2773)$

Have a look what the booklet for
Yxy(35.2184, 0.3274, 0.2773)
contains.

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Color

Yxy(35.2775, 0.3282, 0.2780)

Conversions

Conversions Part 1

Format	Color
Hex	C590B8
RGB	197, 144, 184
RGB Percent	77%, 56%, 72%
CMY	0.2275, 0.4352, 0.2784
CMYK	0.00, 0.27, 0.07, 0.23
HSL	315°, 31%, 67%
HSV	315°, 27%, 77%
XYZ	41.6478, 35.2775, 49.9722
YIQ	164.4070, 18.7480, 23.6760

Conversions

Conversions Part 2

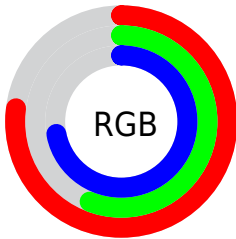
Format	Color
R _{YB}	197, 144, 184
Decimal	12947640
CIE Lab	65.96, 26.48, -12.95
CIE LCh	66, 29.476, 333.929
Yxy	35.2775, 0.3282, 0.2780
Android (android.graphics.Color)	4291137720 (0xFFC590B8)
YUV	164.4070, 9.6593, 28.5841
Hunter-Lab	59.3949, 21.2234, -8.3076

Details

The Yxy color **35.2775, 0.3282, 0.2780** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.2854, 0.3002, 0.3861**, and the grayscale version is **37.2754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7503, 0.3254, 0.2871**, and **15.2182, 0.3317, 0.2634** is the 20% darker color. If you saturate the color by 10%, you get **29.6244, 0.3356, 0.2587**, and if you desaturate by 10%, it is **41.9816, 0.3217, 0.2974**.

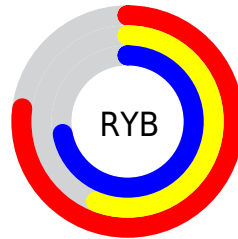
Distribution



Red (77%)

Green (56%)

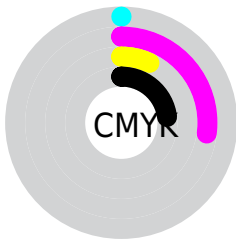
Blue (72%)



Red (77%)

Yellow (56%)

Blue (72%)

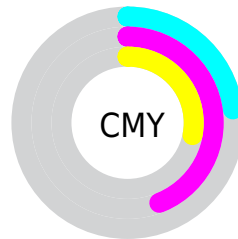


Cyan (0%)

Magenta (27%)

Yellow (7%)

Black (23%)



Cyan (23%)


Magenta (44%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.2775, 0.3282, 0.2780 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 35.2775, 0.3282, 0.2780 by changing the saturation by 10% instead.


 35.2775, 0.3282,
0.2780


 35.2775, 0.3282,
0.2780


325.7915, 0.3206,
0.3036

 23.8767, 0.3300,
0.2716


 67.9154, 0.3255,
0.2873

 15.2422, 0.3324,
0.2634


 89.9214, 0.3244,
0.2908

 8.9895, 0.3355,
0.2524


116.2312, 0.3236,
0.2938

 4.7344, 0.3396,
0.2372

147.2292, 0.3228,
0.2963

 2.0923, 0.3455,
0.2145

183.2998, 0.3221,
0.2985

 0.6603, 0.3559,
0.1738

224.8275, 0.3216,

 0.0000, 0.3459,

0.3004

0.0000

272.1966, 0.3211,
0.3021

0.0000, 0.0000,
0.0000

35.2775, 0.3282,
0.2780

35.2775, 0.3282,
0.2780

29.6244, 0.3356,
0.2587

41.9816, 0.3217,
0.2974

24.9635, 0.3439,
0.2404

49.7824, 0.3161,
0.3164

21.2374, 0.3529,
0.2239


58.7282, 0.3113,
0.3345


18.3807, 0.3625,
0.2102


68.8633, 0.3072,
0.3516


16.3197, 0.3724,
0.2005


80.2296, 0.3038,
0.3675

 14.9685, 0.3822,
0.1952


 88.1877, 0.3010,
0.3750

 14.2116, 0.3918,
0.1946

 88.4360, 0.2984,
0.3696

 14.0304, 0.3948,
0.1948

 88.6916, 0.2958,
0.3641

 88.9545, 0.2932,
0.3588

Harmonies

Analogous

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



35.2775, 0.2832, 0.2599



35.2775, 0.3282, 0.2780



35.2775, 0.3716, 0.3076

Triad

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



35.2775, 0.3282, 0.2780



35.2775, 0.3775, 0.4040



35.2775, 0.2336, 0.3047

Complementary

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



35.2775, 0.3282, 0.2780



48.2854, 0.3002, 0.3861

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.



35.2775, 0.2553, 0.3486



35.2775, 0.3282, 0.2780



35.2775, 0.3377, 0.4099

Square

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



35.2775, 0.3282, 0.2780



35.2775, 0.4006, 0.3783



35.2775, 0.2929, 0.3893



35.2775, 0.2314, 0.2723

Rectangle

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



35.2775, 0.3282, 0.2780



35.2775, 0.3923, 0.3311



35.2775, 0.2929, 0.3893



35.2775, 0.2387, 0.3186

Sweetspot

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



35.2791, 0.3282, 0.2780



87.3506, 0.3167, 0.3141



31.0855, 0.2774, 0.2549



18.2199, 0.3176, 0.3112



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.



35.2791, 0.3282, 0.2780



57.3012, 0.3322, 0.2671



34.2909, 0.3548, 0.3105



10.7706, 0.3174, 0.3117



9.2447, 0.3936, 0.1942



0.4487, 0.3754, 0.1841

Inverse Universe

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



35.2791, 0.3282, 0.2780



57.3012, 0.3322, 0.2671



49.2650, 0.2829, 0.3485



10.7706, 0.3174, 0.3117



9.2447, 0.3936, 0.1942



0.4487, 0.3754, 0.1841

Previews

White Background



This preview shows how the Yxy color 35.2775, 0.3282, 0.2780 looks on a white background.

Color Contrast Check

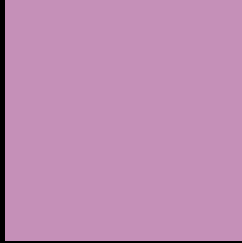
Large Text (above 18pt) WCAG AA × Fail

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 35.2775, 0.3282, 0.2780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

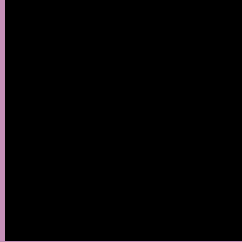
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2775, 0.3282, 0.2780

Background



This preview shows how black text looks on a background with the Yxy color 35.2775, 0.3282, 0.2780.



This preview shows how white text looks on a background with the Yxy color 35.2775, 0.3282, 0.2780.

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

35.2775, 0.3282, 0.2780

Protanopia

35.4636, 0.2783, 0.2798

Deuteranopia

35.2613, 0.2993, 0.2927



Tritanopia

35.1872, 0.3487, 0.3132

Trichromacy



Original Color

35.2775, 0.3282, 0.2780

Protanomaly

35.2639, 0.2952, 0.2798

Deuteranomaly

35.2225, 0.3089, 0.2870

Tritanomaly

35.3341, 0.3408, 0.3003

Monochromacy



Original Color

35.2775, 0.3282, 0.2780

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.2843, 0.3185, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2775, 0.3282, 0.2780 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(197, 144, 184)` looks like.

```
.text, #text, p{  
    color:rgb(197, 144, 184)  
}
```

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(197, 144, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 144, 184) }
```

Border

The CSS property to change the border of an element to Yxy 35.2775, 0.3282, 0.2780 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(197, 144, 184) }
```

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

```
.border{ border-color:rgb(197, 144, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 144, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 144, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 144, 184);  
box-shadow:4px 4px 4px 4px rgb(197, 144,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2775, 0.3282, 0.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 144, 184) }
```

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

```
.background{ background-color: rgb(197,  
144, 184) }
```

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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