

Converting Colors

$Yxy(35.6918, 0.3329, 0.2669)$

Have a look what the booklet for
Yxy(35.6918, 0.3329, 0.2669)
contains.

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Color

Yxy(35.7393, 0.3328, 0.2679)

Conversions

Conversions Part 1

Format	Color
Hex	CF8CBE
RGB	207, 140, 190
RGB Percent	81%, 55%, 75%
CMY	0.1884, 0.4509, 0.2549
CMYK	0.00, 0.32, 0.08, 0.19
HSL	315°, 41%, 68%
HSV	315°, 32%, 81%
XYZ	44.3973, 35.7393, 53.2688
YIQ	165.7330, 23.8820, 29.7540

Conversions

Conversions Part 2

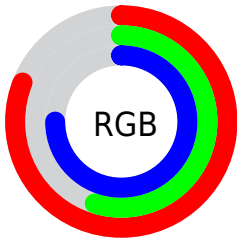
Format	Color
R _Y B	207, 140, 190
Decimal	13601982
CIE Lab	66.32, 33.12, -15.66
CIE LCh	66, 36.637, 334.694
Yxy	35.7393, 0.3328, 0.2679
Android (android.graphics.Color)	4291792062 (0xFFCF8CBE)
YUV	165.7330, 11.9636, 36.1912
Hunter-Lab	59.7824, 27.9437, -10.9824

Details

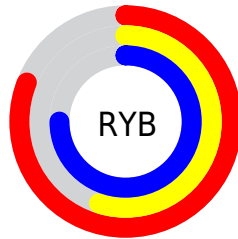
The Yxy color **35.7393, 0.3328, 0.2679** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.6227, 0.2974, 0.3992**, and the grayscale version is **37.9310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4974, 0.3220, 0.2775**, and **15.6263, 0.3380, 0.2511** is the 20% darker color. If you saturate the color by 10%, you get **30.0241, 0.3410, 0.2492**, and if you desaturate by 10%, it is **42.6036, 0.3256, 0.2872**.

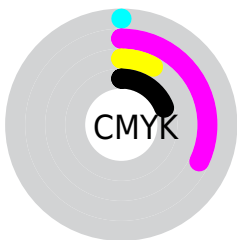
Distribution



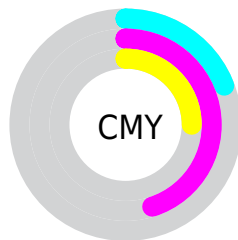
- Red (81%)
- Green (55%)
- Blue (75%)



- Red (81%)
- Yellow (55%)
- Blue (75%)



- Cyan (0%)
- Magenta (32%)
- Yellow (8%)
- Black (19%)




- Cyan (19%)
- Magenta (45%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7393, 0.3328, 0.2679 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 35.7393, 0.3328, 0.2679 by changing the saturation by 10% instead.


 35.7393, 0.3328,
0.2679


 35.7393, 0.3328,
0.2679


327.8196, 0.3230,
0.2982

 24.2329, 0.3351,
0.2604


 68.6295, 0.3293,
0.2788

 15.5065, 0.3381,
0.2509


 90.7821, 0.3280,
0.2830

 9.1756, 0.3419,
0.2384


 117.2522, 0.3269,
0.2865

 4.8559, 0.3470,
0.2213

148.4243, 0.3259,
0.2895

 2.1630, 0.3540,
0.1964

184.6827, 0.3250,
0.2921

 0.6997, 0.3651,
0.1553

226.4117, 0.3243,

 0.0000, 0.3928,

0.2944

0.0000

273.9959, 0.3236,
0.2964


 0.0000, 0.0000,
0.0000


 35.7393, 0.3328,
0.2679


 35.7393, 0.3328,
0.2679


 30.0241, 0.3410,
0.2492

 42.6036, 0.3256,
0.2872

 25.3891, 0.3501,
0.2318


 50.6711, 0.3193,
0.3063


 21.7656, 0.3598,
0.2169


 59.9985, 0.3139,
0.3248

 19.0750, 0.3701,
0.2055


 70.6372, 0.3093,
0.3423


 17.2268, 0.3805,
0.1983

 82.6359, 0.3054,
0.3587


 16.1128, 0.3906,
0.1960

 90.0274, 0.3022,
0.3648

 15.6103, 0.3983,
0.1968

 90.3123, 0.2994,
0.3590

 90.6062, 0.2965,
0.3533

 90.9089, 0.2937,
0.3476

Harmonies

Analogous

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



35.7393, 0.2773, 0.2458



35.7393, 0.3328, 0.2679



35.7393, 0.3868, 0.3034

Triad

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



35.7393, 0.3328, 0.2679



35.7393, 0.3905, 0.4215



35.7393, 0.2161, 0.2966

Complementary

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



35.7393, 0.3328, 0.2679



52.6227, 0.2974, 0.3992

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.



35.7393, 0.2412, 0.3514



35.7393, 0.3328, 0.2679



35.7393, 0.3409, 0.4301

Square

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



35.7393, 0.3328, 0.2679



35.7393, 0.4206, 0.3887



35.7393, 0.2862, 0.4040



35.7393, 0.2143, 0.2582

Rectangle

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



35.7393, 0.3328, 0.2679



35.7393, 0.4123, 0.3315



35.7393, 0.2862, 0.4040



35.7393, 0.2219, 0.3137

Sweetspot

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



35.7409, 0.3328, 0.2679



84.3862, 0.3180, 0.3105



30.4098, 0.2696, 0.2376



17.6287, 0.3188, 0.3078



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.



35.7409, 0.3328, 0.2679



50.5870, 0.3385, 0.2544



34.4496, 0.3680, 0.3079



11.9557, 0.3176, 0.3118



9.8544, 0.3969, 0.1960



0.5634, 0.3800, 0.1867

Inverse Universe

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



35.7409, 0.3328, 0.2679



50.5870, 0.3385, 0.2544



53.9163, 0.2767, 0.3515



11.9557, 0.3176, 0.3118



9.8544, 0.3969, 0.1960



0.5634, 0.3800, 0.1867

Previews

White Background



This preview shows how the Yxy color 35.7393, 0.3328, 0.2679 looks on a white background.

Color Contrast Check

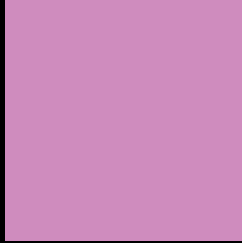
Large Text (above 18pt) WCAG AA × Fail

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 35.7393, 0.3328, 0.2679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

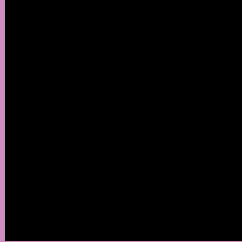
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7393, 0.3328, 0.2679

Background



This preview shows how black text looks on a background with the Yxy color 35.7393, 0.3328, 0.2679.



This preview shows how white text looks on a background with the Yxy color 35.7393, 0.3328, 0.2679.

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

35.7393, 0.3328, 0.2679

Protanopia

36.0806, 0.2694, 0.2683

Deuteranopia

36.0409, 0.2942, 0.2888



Tritanopia

35.6886, 0.3618, 0.3150

Trichromacy



Original Color

35.7393, 0.3328, 0.2679



Protanomaly

35.5639, 0.2896, 0.2675



Deuteranomaly

35.4674, 0.3073, 0.2797



Tritanomaly

35.6485, 0.3506, 0.2974

Monochromacy



Original Color

35.7393, 0.3328, 0.2679



Achromatopsia

38.1326, 0.3127, 0.3290



Achromatomaly

37.0328, 0.3197, 0.3047

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7393, 0.3328, 0.2679 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(207, 140, 190)` looks like.

```
.text, #text, p{  
    color:rgb(207, 140, 190)  
}
```

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(207, 140, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 140, 190) }
```

Border

The CSS property to change the border of an element to Yxy 35.7393, 0.3328, 0.2679 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(207, 140, 190) }
```

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

```
.border{ border-color:rgb(207, 140, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 140, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 140, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 140, 190);  
box-shadow:4px 4px 4px 4px rgb(207, 140,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7393, 0.3328, 0.2679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 140, 190) }
```

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

```
.background{ background-color: rgb(207,  
140, 190) }
```

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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