

Converting Colors

$Y_{xy}(35.4177, 0.3565, 0.2920)$

Have a look what the booklet for
Yxy(35.4177, 0.3565, 0.2920)
contains.

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Color

Yxy(35.3601, 0.3567, 0.2919)

Conversions

Conversions Part 1

Format	Color
Hex	D28CAA
RGB	210, 140, 170
RGB Percent	82%, 55%, 67%
CMY	0.1765, 0.4509, 0.3334
CMYK	0.00, 0.33, 0.19, 0.18
HSL	334°, 44%, 69%
HSV	334°, 33%, 82%
XYZ	43.2098, 35.3601, 42.5678
YIQ	164.3500, 32.0900, 24.1700

Conversions

Conversions Part 2

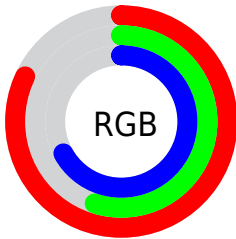
Format	Color
R _Y B	210, 140, 170
Decimal	13798570
CIE Lab	66.03, 30.89, -4.81
CIE LCh	66, 31.264, 351.143
Yxy	35.3601, 0.3567, 0.2919
Android (android.graphics.Color)	4291988650 (0xFFD28CAA)
YUV	164.3500, 2.7855, 40.0351
Hunter-Lab	59.4644, 25.6445, -0.8179

Details

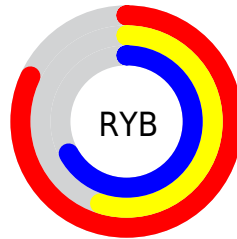
The Yxy color **35.3601, 0.3567, 0.2919** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.9644, 0.2832, 0.3698**, and the grayscale version is **37.2754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2798, 0.3379, 0.2976**, and **15.3228, 0.3699, 0.2810** is the 20% darker color. If you saturate the color by 10%, you get **29.3649, 0.3760, 0.2806**, and if you desaturate by 10%, it is **42.5711, 0.3405, 0.3035**.

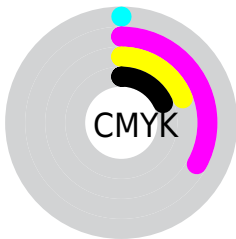
Distribution



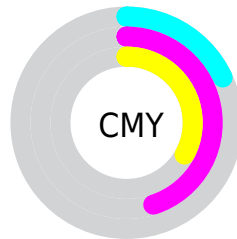
- Red (82%)
- Green (55%)
- Blue (67%)



- Red (82%)
- Yellow (55%)
- Blue (67%)



- Cyan (0%)
- Magenta (33%)
- Yellow (19%)
- Black (18%)





- Cyan (18%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3601, 0.3567, 0.2919 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 35.3601, 0.3567, 0.2919 by changing the saturation by 10% instead.


 35.3601, 0.3567,
0.2919


 35.3601, 0.3567,
0.2919


326.1549, 0.3339,
0.3108

 23.9404, 0.3626,
0.2870


 68.0432, 0.3482,
0.2989

 15.2894, 0.3704,
0.2807


 90.0755, 0.3451,
0.3015

 9.0228, 0.3811,
0.2722


 116.4140, 0.3425,
0.3037

 4.7560, 0.3965,
0.2601

147.4432, 0.3403,
0.3055

 2.1048, 0.4206,
0.2415

183.5475, 0.3384,
0.3071

 0.6673, 0.4663,
0.2054

225.1113, 0.3367,

 0.0000, 1.0000,

0.3085

0.0000

272.5190, 0.3352,
0.3098

0.0000, 0.0000,
0.0000

35.3601, 0.3567,
0.2919

35.3601, 0.3567,
0.2919

29.3649, 0.3760,
0.2806

42.5711, 0.3405,
0.3035

24.5128, 0.3986,
0.2704

51.0556, 0.3270,
0.3148

20.7305, 0.4243,
0.2623

60.8735, 0.3160,
0.3256

17.9346, 0.4524,
0.2576


72.0795, 0.3068,
0.3356


16.0285, 0.4816,
0.2574

84.7250, 0.2993,
0.3450

 14.8963, 0.5101,
0.2626

 91.6334, 0.2929,
0.3425

 14.4381, 0.5282,
0.2683

 92.3788, 0.2865,
0.3299

 92.4412, 0.2860,
0.3289

Harmonies

Analogous

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



35.3601, 0.3080, 0.2654



35.3601, 0.3567, 0.2919



35.3601, 0.3947, 0.3274

Triad

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



35.3601, 0.3567, 0.2919



35.3601, 0.3583, 0.4154



35.3601, 0.2253, 0.2813

Complementary

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



35.3601, 0.3567, 0.2919



54.9644, 0.2832, 0.3698

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.



35.3601, 0.2365, 0.3221



35.3601, 0.3567, 0.2919



35.3601, 0.3115, 0.4060

Square

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



35.3601, 0.3567, 0.2919



35.3601, 0.3944, 0.3985



35.3601, 0.2672, 0.3698



35.3601, 0.2350, 0.2576

Rectangle

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



35.3601, 0.3567, 0.2919



35.3601, 0.4071, 0.3530



35.3601, 0.2672, 0.3698



35.3601, 0.2267, 0.2933

Sweetspot

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



35.3617, 0.3567, 0.2919



83.8920, 0.3232, 0.3183



33.0756, 0.2879, 0.2395



17.5090, 0.3249, 0.3168



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.



35.3617, 0.3567, 0.2919



48.0590, 0.3701, 0.2838



35.7467, 0.3880, 0.3351



11.8911, 0.3224, 0.3191



8.8266, 0.5246, 0.2663



0.5093, 0.4781, 0.2407

Inverse Universe

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



35.3617, 0.3567, 0.2919



48.0590, 0.3701, 0.2838



54.0506, 0.2649, 0.3227



11.8911, 0.3224, 0.3191



8.8266, 0.5246, 0.2663



0.5093, 0.4781, 0.2407

Previews

White Background



This preview shows how the Yxy color 35.3601, 0.3567, 0.2919 looks on a white background.

Color Contrast Check

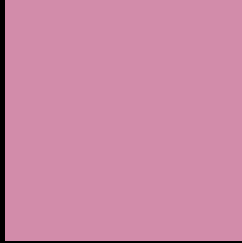
Large Text (above 18pt) WCAG AA × Fail

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 35.3601, 0.3567, 0.2919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

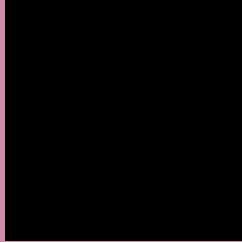
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3601, 0.3567, 0.2919

Background



This preview shows how black text looks on a background with the Yxy color 35.3601, 0.3567, 0.2919.



This preview shows how white text looks on a background with the Yxy color 35.3601, 0.3567, 0.2919.

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

35.3601, 0.3567, 0.2919

Protanopia

35.6871, 0.2912, 0.2976

Deuteranopia

35.5656, 0.3203, 0.3136



Tritanopia

35.3879, 0.3712, 0.3152

Trichromacy



Original Color

35.3601, 0.3567, 0.2919

Protanomaly

35.2269, 0.3124, 0.2948

Deuteranomaly

35.2046, 0.3331, 0.3048

Tritanomaly

35.4394, 0.3660, 0.3065

Monochromacy



Original Color

35.3601, 0.3567, 0.2919

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.0196, 0.3283, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3601, 0.3567, 0.2919 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(210, 140, 170)` looks like.

```
.text, #text, p{  
    color:rgb(210, 140, 170)  
}
```

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(210, 140, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 140, 170) }
```

Border

The CSS property to change the border of an element to Yxy 35.3601, 0.3567, 0.2919 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(210, 140, 170) }
```

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

```
.border{ border-color:rgb(210, 140, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 140, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 140, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 140, 170);  
box-shadow:4px 4px 4px 4px rgb(210, 140,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3601, 0.3567, 0.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 140, 170) }
```

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

```
.background{ background-color: rgb(210,  
140, 170) }
```

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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