

Converting Colors

$Yxy(35.5046, 0.3608, 0.2980)$

Have a look what the booklet for
Yxy(35.5046, 0.3608, 0.2980)
contains.

Yxy(35.5046, 0.3608, 0.2980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.5046, 0.3608, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	D28DA6
RGB	210, 141, 166
RGB Percent	82%, 55%, 65%
CMY	0.1764, 0.4470, 0.3491
CMYK	0.00, 0.33, 0.21, 0.18
HSL	338°, 43%, 69%
HSV	338°, 33%, 82%
XYZ	42.9868, 35.5046, 40.6516
YIQ	164.4810, 33.0990, 22.4030

Conversions

Conversions Part 2

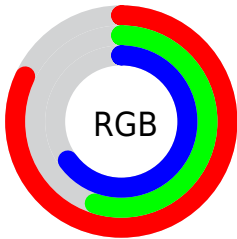
Format	Color
R _Y B	210, 141, 166
Decimal	13798822
CIE Lab	66.14, 29.75, -2.39
CIE LCh	66, 29.843, 355.400
Yxy	35.5046, 0.3608, 0.2980
Android (android.graphics.Color)	4291988902 (0xFFD28DA6)
YUV	164.4810, 0.7489, 39.9202
Hunter-Lab	59.5857, 24.4997, 1.2602

Details

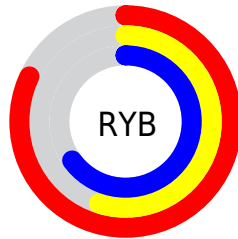
The Yxy color **35.5046, 0.3608, 0.2980** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.2666, 0.2808, 0.3627**, and the grayscale version is **37.3507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5107, 0.3409, 0.3026**, and **15.3973, 0.3759, 0.2891** is the 20% darker color. If you saturate the color by 10%, you get **29.4226, 0.3824, 0.2884**, and if you desaturate by 10%, it is **42.8154, 0.3428, 0.3078**.

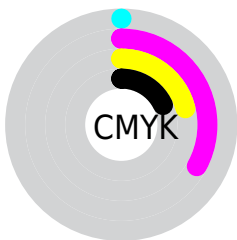
Distribution



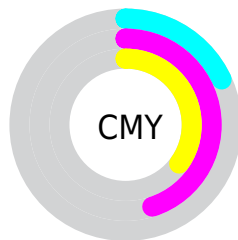
- Red (82%)
- Green (55%)
- Blue (65%)



- Red (82%)
- Yellow (55%)
- Blue (65%)



- Cyan (0%)
- Magenta (33%)
- Yellow (21%)
- Black (18%)





- Cyan (18%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5046, 0.3608, 0.2980 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 35.5046, 0.3608, 0.2980 by changing the saturation by 10% instead.


 35.5046, 0.3608,
0.2980


 35.5046, 0.3608,
0.2980


326.7900, 0.3358,
0.3140

 24.0518, 0.3674,
0.2939


 68.2667, 0.3515,
0.3039

 15.3721, 0.3760,
0.2884


 90.3449, 0.3480,
0.3061

 9.0809, 0.3879,
0.2810


 116.7337, 0.3452,
0.3080

 4.7940, 0.4051,
0.2704

147.8174, 0.3427,
0.3095

 2.1269, 0.4324,
0.2538

183.9805, 0.3406,
0.3109

 0.6797, 0.4845,
0.2208

225.6074, 0.3388,

 0.0000, 1.0000,

0.3120

0.0000

273.0824, 0.3372,
0.3131

0.0000, 0.0000,
0.0000

35.5046, 0.3608,
0.2980

35.5046, 0.3608,
0.2980

29.4226, 0.3824,
0.2884

42.8154, 0.3428,
0.3078

24.4963, 0.4080,
0.2798

51.4129, 0.3279,
0.3174

20.6525, 0.4372,
0.2731


61.3572, 0.3158,
0.3265


17.8076, 0.4693,
0.2697

72.7031, 0.3058,
0.3350

15.8652, 0.5025,
0.2706

85.5025, 0.2977,
0.3428

 14.7099, 0.5343,
0.2766

 91.9009, 0.2906,
0.3379

 14.2252, 0.5552,
0.2832

 92.4434, 0.2860,
0.3289

Harmonies

Analogous

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



35.5046, 0.3149, 0.2710



35.5046, 0.3608, 0.2980



35.5046, 0.3943, 0.3329

Triad

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



35.5046, 0.3608, 0.2980



35.5046, 0.3504, 0.4117



35.5046, 0.2292, 0.2793

Complementary

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



35.5046, 0.3608, 0.2980



55.2666, 0.2808, 0.3627

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.



35.5046, 0.2371, 0.3164



35.5046, 0.3608, 0.2980



35.5046, 0.3053, 0.3986

Square

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



35.5046, 0.3608, 0.2980



35.5046, 0.3869, 0.3989



35.5046, 0.2642, 0.3617



35.5046, 0.2412, 0.2590

Rectangle

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



35.5046, 0.3608, 0.2980



35.5046, 0.4037, 0.3574



35.5046, 0.2642, 0.3617



35.5046, 0.2296, 0.2901

Sweetspot

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



35.5063, 0.3608, 0.2980



83.7916, 0.3243, 0.3200



33.9824, 0.2926, 0.2419



17.4848, 0.3262, 0.3186



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.



35.5063, 0.3608, 0.2980



48.6715, 0.3746, 0.2916



37.5045, 0.3847, 0.3408



11.8779, 0.3235, 0.3206



8.6937, 0.5514, 0.2811



0.5011, 0.5006, 0.2531

Inverse Universe

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



35.5063, 0.3608, 0.2980



48.6715, 0.3746, 0.2916



52.0019, 0.2647, 0.3167



11.8779, 0.3235, 0.3206



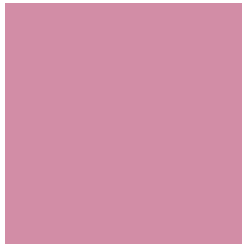
8.6937, 0.5514, 0.2811



0.5011, 0.5006, 0.2531

Previews

White Background



This preview shows how the Yxy color 35.5046, 0.3608, 0.2980 looks on a white background.

Color Contrast Check

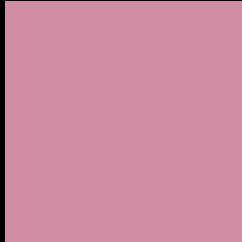
Large Text (above 18pt) WCAG AA × Fail

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 35.5046, 0.3608, 0.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

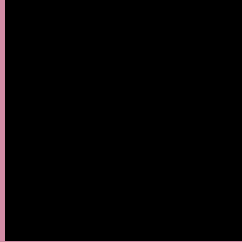
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5046, 0.3608, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 35.5046, 0.3608, 0.2980.



This preview shows how white text looks on a background with the Yxy color 35.5046, 0.3608, 0.2980.

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

35.5046, 0.3608, 0.2980

Protanopia

35.7269, 0.2963, 0.3033

Deuteranopia

35.6514, 0.3260, 0.3193



Tritanopia

35.5333, 0.3722, 0.3153

Trichromacy



Original Color

35.5046, 0.3608, 0.2980

Protanomaly

35.3034, 0.3180, 0.3002

Deuteranomaly

35.5049, 0.3379, 0.3116

Tritanomaly

35.3699, 0.3681, 0.3090

Monochromacy



Original Color

35.5046, 0.3608, 0.2980

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.3173, 0.3291, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5046, 0.3608, 0.2980 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, 141, 166)` looks like.

```
.text, #text, p{  
    color:rgb(210, 141, 166)  
}
```

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, 141, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 141, 166) }
```

Border

The CSS property to change the border of an element to Yxy 35.5046, 0.3608, 0.2980 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, 141, 166) }
```

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

```
.border{ border-color:rgb(210, 141, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 141, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 141, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 141, 166);  
box-shadow:4px 4px 4px 4px rgb(210, 141,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5046, 0.3608, 0.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 141, 166) }
```

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

```
.background{ background-color: rgb(210,  
141, 166) }
```

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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