

Converting Colors

Yxy(34.7141, 0.3436, 0.2804)

Have a look what the booklet for
Yxy(34.7141, 0.3436, 0.2804)
contains.

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Color

Yxy(34.6587, 0.3432, 0.2802)

Conversions

Conversions Part 1

Format	Color
Hex	CD8BB2
RGB	205, 139, 178
RGB Percent	80%, 55%, 70%
CMY	0.1960, 0.4549, 0.3019
CMYK	0.00, 0.32, 0.13, 0.20
HSL	325°, 40%, 67%
HSV	325°, 32%, 80%
XYZ	42.4513, 34.6587, 46.5827
YIQ	163.1800, 26.8170, 26.1210

Conversions

Conversions Part 2

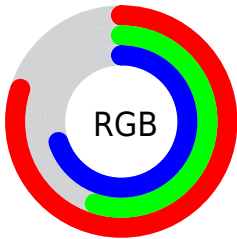
Format	Color
R _{YB}	205, 139, 178
Decimal	13470642
CIE _{Lab}	65.48, 30.98, -10.22
CIE _{LCh}	65, 32.622, 341.751
Yxy	34.6587, 0.3432, 0.2802
Android (android.graphics.Color)	4291660722 (0xFFCD8BB2)
YUV	163.1800, 7.3063, 36.6761
Hunter-Lab	58.8716, 25.6880, -5.7036

Details

The Yxy color **34.6587, 0.3432, 0.2802** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.9143, 0.2910, 0.3837**, and the grayscale version is **36.6720, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3404, 0.3311, 0.2879**, and **14.9441, 0.3533, 0.2671** is the 20% darker color. If you saturate the color by 10%, you get **28.9433, 0.3564, 0.2649**, and if you desaturate by 10%, it is **41.5111, 0.3319, 0.2958**.

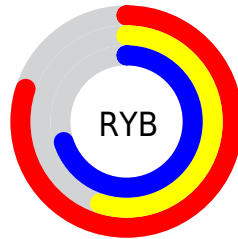
Distribution



Red (80%)

Green (55%)

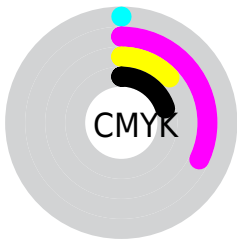
Blue (70%)



Red (80%)

Yellow (55%)

Blue (70%)

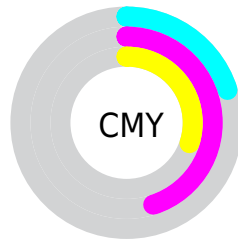


Cyan (0%)

Magenta (32%)

Yellow (13%)

Black (20%)



Cyan (20%)


Magenta (45%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6587, 0.3432, 0.2802 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 34.6587, 0.3432, 0.2802 by changing the saturation by 10% instead.


 34.6587, 0.3432,
0.2802


 34.6587, 0.3432,
0.2802

323.0593, 0.3277,
0.3048


 23.4001, 0.3472,
0.2740


 66.9567, 0.3375,
0.2892

 14.8892, 0.3523,
0.2660


 88.7649, 0.3354,
0.2925

 8.7417, 0.3592,
0.2553


 114.8584, 0.3336,
0.2954

 4.5731, 0.3690,
0.2404

145.6216, 0.3321,
0.2978

 1.9990, 0.3839,
0.2180

181.4389, 0.3308,
0.2999

 0.6069, 0.4126,
0.1745

222.6946, 0.3296,

 0.0000, 0.6236,

0.3018

0.0000

269.7733, 0.3286,
0.3034

0.0000, 0.0000,
0.0000

34.6587, 0.3432,
0.2802

34.6587, 0.3432,
0.2802

28.9433, 0.3564,
0.2649

41.5111, 0.3319,
0.2958

24.2974, 0.3715,
0.2507

49.5537, 0.3223,
0.3112

20.6538, 0.3883,
0.2386


58.8420, 0.3143,
0.3259


17.9354, 0.4065,
0.2299

69.4265, 0.3076,
0.3397

16.0538, 0.4255,
0.2256

81.3549, 0.3020,
0.3526

 14.9034, 0.4444,
0.2265

 90.1217, 0.2974,
0.3574

 14.3673, 0.4589,
0.2302

 90.5996, 0.2929,
0.3483

 91.1004, 0.2884,
0.3393

 91.6244, 0.2841,
0.3305

Harmonies

Analogous

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



34.6587, 0.2921, 0.2566



34.6587, 0.3432, 0.2802



34.6587, 0.3886, 0.3149

Triad

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



34.6587, 0.3432, 0.2802



34.6587, 0.3740, 0.4167



34.6587, 0.2226, 0.2905

Complementary

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



34.6587, 0.3432, 0.2802



51.9143, 0.2910, 0.3837

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.



34.6587, 0.2408, 0.3373



34.6587, 0.3432, 0.2802



34.6587, 0.3270, 0.4166

Square

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



34.6587, 0.3432, 0.2802



34.6587, 0.4060, 0.3919



34.6587, 0.2783, 0.3863



34.6587, 0.2260, 0.2598

Rectangle

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



34.6587, 0.3432, 0.2802



34.6587, 0.4074, 0.3412



34.6587, 0.2783, 0.3863



34.6587, 0.2263, 0.3048

Sweetspot

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



34.6603, 0.3432, 0.2802



84.1422, 0.3205, 0.3143



30.9143, 0.2788, 0.2404



17.5695, 0.3218, 0.3122



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.



34.6603, 0.3432, 0.2802



49.7583, 0.3526, 0.2690



33.5078, 0.3787, 0.3207



11.3231, 0.3199, 0.3154



8.9613, 0.4563, 0.2288



0.4771, 0.4229, 0.2104

Inverse Universe

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



34.6603, 0.3432, 0.2802



49.7583, 0.3526, 0.2690



53.2580, 0.2709, 0.3377



11.3231, 0.3199, 0.3154



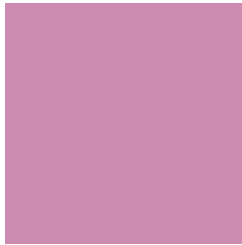
8.9613, 0.4563, 0.2288



0.4771, 0.4229, 0.2104

Previews

White Background



This preview shows how the Yxy color 34.6587, 0.3432, 0.2802 looks on a white background.

Color Contrast Check

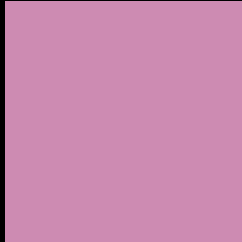
Large Text (above 18pt) WCAG AA × Fail

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 34.6587, 0.3432, 0.2802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

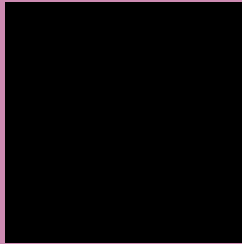
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6587, 0.3432, 0.2802

Background



This preview shows how black text looks on a background with the Yxy color 34.6587, 0.3432, 0.2802.



This preview shows how white text looks on a background with the Yxy color 34.6587, 0.3432, 0.2802.

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

34.6587, 0.3432, 0.2802

Protanopia

34.9437, 0.2812, 0.2836

Deuteranopia

34.8627, 0.3073, 0.3009



Tritanopia

34.5346, 0.3648, 0.3149

Trichromacy



Original Color

34.6587, 0.3432, 0.2802

Protanomaly

34.4490, 0.3015, 0.2811

Deuteranomaly

34.4532, 0.3194, 0.2924

Tritanomaly

34.6869, 0.3564, 0.3022

Monochromacy



Original Color

34.6587, 0.3432, 0.2802

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.4033, 0.3235, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6587, 0.3432, 0.2802 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(205, 139, 178)` looks like.

```
.text, #text, p{  
    color:rgb(205, 139, 178)  
}
```

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(205, 139, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 139, 178) }
```

Border

The CSS property to change the border of an element to Yxy 34.6587, 0.3432, 0.2802 is called "border". The border property can be set on classes, ids or directly on the HTML element.

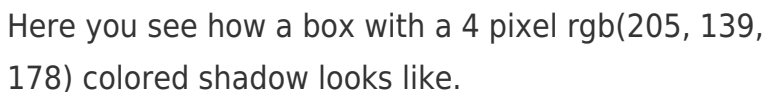
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 139, 178) }
```

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

```
.border{ border-color:rgb(205, 139, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 139, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 139, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 139, 178); box-shadow:4px 4px 4px 4px rgb(205, 139, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6587, 0.3432, 0.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 139, 178) }
```

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

```
.background{ background-color: rgb(205,  
139, 178) }
```

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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