

Converting Colors

Yxy(34.6375, 0.3187, 0.2560)

Have a look what the booklet for
Yxy(34.6375, 0.3187, 0.2560)
contains.

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Color

Yxy(34.5335, 0.3182, 0.2549)

Conversions

Conversions Part 1

Format	Color
Hex	C88AC6
RGB	200, 138, 198
RGB Percent	78%, 54%, 78%
CMY	0.2156, 0.4589, 0.2234
CMYK	0.00, 0.31, 0.01, 0.22
HSL	302°, 36%, 66%
HSV	302°, 31%, 78%
XYZ	43.1093, 34.5335, 57.8358
YIQ	163.3780, 17.6920, 31.8040

Conversions

Conversions Part 2

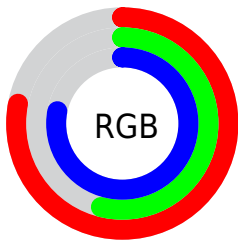
Format	Color
R _Y B	200, 138, 198
Decimal	13142726
CIE _{Lab}	65.38, 33.37, -21.66
CIE _{LCh}	65, 39.781, 327.017
Yxy	34.5335, 0.3182, 0.2549
Android (android.graphics.Color)	4291332806 (0xFFC88AC6)
YUV	163.3780, 17.0686, 32.1175
Hunter-Lab	58.7652, 28.1059, -17.2167

Details

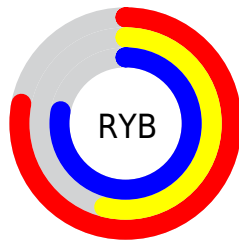
The Yxy color **34.5335, 0.3182, 0.2549** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.6181, 0.3072, 0.4163**, and the grayscale version is **36.7266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1793, 0.3156, 0.2673**, and **14.8497, 0.3185, 0.2351** is the 20% darker color. If you saturate the color by 10%, you get **29.2852, 0.3201, 0.2319**, and if you desaturate by 10%, it is **40.8420, 0.3163, 0.2789**.

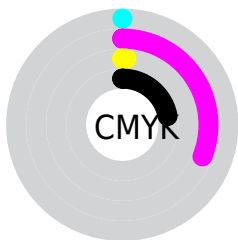
Distribution



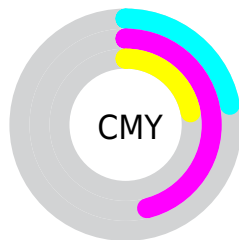
- Red (78%)
- Green (54%)
- Blue (78%)



- Red (78%)
- Yellow (54%)
- Blue (78%)



- Cyan (0%)
- Magenta (31%)
- Yellow (1%)
- Black (22%)





- Cyan (22%)
- Magenta (46%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.5335, 0.3182, 0.2549 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 34.5335, 0.3182, 0.2549 by changing the saturation by 10% instead.


 34.5335, 0.3182,
0.2549


 34.5335, 0.3182,
0.2549


322.5044, 0.3163,
0.2914


 23.3037, 0.3184,
0.2460


 66.7625, 0.3177,
0.2680

 14.8180, 0.3186,
0.2347


 88.5304, 0.3174,
0.2730

 8.6917, 0.3185,
0.2200


 114.5800, 0.3172,
0.2772

 4.5407, 0.3179,
0.1999

145.2954, 0.3170,
0.2809

 1.9804, 0.3158,
0.1715

181.0612, 0.3168,
0.2840

 0.5960, 0.3116,
0.1234

222.2617, 0.3166,

 0.0000, 0.2556,

0.2868

0.0000

269.2813, 0.3164,
0.2892

0.0000, 0.0000,
0.0000

34.5335, 0.3182,
0.2549

34.5335, 0.3182,
0.2549

29.2852, 0.3201,
0.2319

40.8420, 0.3163,
0.2789

25.0343, 0.3220,
0.2108

48.2596, 0.3145,
0.3030

21.7187, 0.3238,
0.1926


56.8381, 0.3129,
0.3266

19.2673, 0.3255,
0.1780


66.6243, 0.3113,
0.3492

17.5990, 0.3270,
0.1675

77.6627, 0.3100,
0.3705


 16.6171, 0.3282,
0.1614

 88.0633, 0.3089,
0.3872

 16.1595, 0.3292,
0.1587

 88.0940, 0.3085,
0.3865

 88.1247, 0.3081,
0.3858

 88.1556, 0.3078,
0.3850

Harmonies

Analogous

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



34.5335, 0.2603, 0.2356



34.5335, 0.3182, 0.2549



34.5335, 0.3802, 0.2899

Triad

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



34.5335, 0.3182, 0.2549



34.5335, 0.4084, 0.4222



34.5335, 0.2120, 0.3071

Complementary

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



34.5335, 0.3182, 0.2549



48.6181, 0.3072, 0.4163

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.



34.5335, 0.2451, 0.3698



34.5335, 0.3182, 0.2549



34.5335, 0.3580, 0.4414

Square

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



34.5335, 0.3182, 0.2549



34.5335, 0.4342, 0.3817



34.5335, 0.2981, 0.4232



34.5335, 0.2039, 0.2597

Rectangle

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



34.5335, 0.3182, 0.2549



34.5335, 0.4130, 0.3191



34.5335, 0.2981, 0.4232



34.5335, 0.2204, 0.3272

Sweetspot

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



34.5350, 0.3182, 0.2549



86.1737, 0.3142, 0.3076



27.8352, 0.2591, 0.2390



18.0006, 0.3145, 0.3040



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.



34.5350, 0.3182, 0.2549



53.6529, 0.3194, 0.2398



33.2827, 0.3488, 0.2904



10.8105, 0.3143, 0.3070



10.2739, 0.3291, 0.1586



0.4884, 0.3272, 0.1576

Inverse Universe

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



34.5350, 0.3182, 0.2549



53.6529, 0.3194, 0.2398



49.6289, 0.2873, 0.3714



10.8105, 0.3143, 0.3070



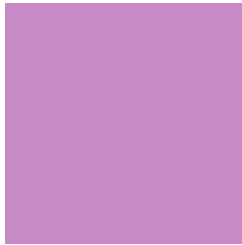
10.2739, 0.3291, 0.1586



0.4884, 0.3272, 0.1576

Previews

White Background



This preview shows how the Yxy color 34.5335, 0.3182, 0.2549 looks on a white background.

Color Contrast Check

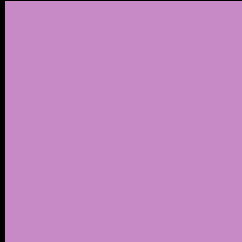
Large Text (above 18pt) WCAG AA × Fail

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 34.5335, 0.3182, 0.2549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

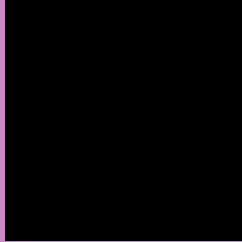
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5335, 0.3182, 0.2549

Background



This preview shows how black text looks on a background with the Yxy color 34.5335, 0.3182, 0.2549.



This preview shows how white text looks on a background with the Yxy color 34.5335, 0.3182, 0.2549.

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

34.5335, 0.3182, 0.2549

Protanopia

34.7967, 0.2580, 0.2533

Deuteranopia

34.8852, 0.2806, 0.2747



Tritanopia

34.5942, 0.3534, 0.3145

Trichromacy



Original Color

34.5335, 0.3182, 0.2549

Protanomaly

34.2102, 0.2769, 0.2528

Deuteranomaly

34.3647, 0.2938, 0.2660

Tritanomaly

34.4938, 0.3405, 0.2914

Monochromacy



Original Color

34.5335, 0.3182, 0.2549

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.4759, 0.3141, 0.2988

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5335, 0.3182, 0.2549 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(200, 138, 198)` looks like.

```
.text, #text, p{  
    color:rgb(200, 138, 198)  
}
```

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(200, 138, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 138, 198) }
```

Border

The CSS property to change the border of an element to Yxy 34.5335, 0.3182, 0.2549 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(200, 138, 198) }
```

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

```
.border{ border-color:rgb(200, 138, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 138, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 138, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 138, 198);  
box-shadow:4px 4px 4px 4px rgb(200, 138,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5335, 0.3182, 0.2549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 138, 198) }
```

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

```
.background{ background-color: rgb(200,  
138, 198) }
```

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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