

Converting Colors

$Y_{xy}(33.1314, 0.3276, 0.2715)$

Have a look what the booklet for
Yxy(33.1314, 0.3276, 0.2715)
contains.

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Color

Yxy(33.0652, 0.3268, 0.2710)

Conversions

Conversions Part 1

Format	Color
Hex	C28AB7
RGB	194, 138, 183
RGB Percent	76%, 54%, 72%
CMY	0.2394, 0.4587, 0.2824
CMYK	0.00, 0.29, 0.06, 0.24
HSL	312°, 31%, 65%
HSV	312°, 29%, 76%
XYZ	39.8735, 33.0652, 49.0731
YIQ	159.8740, 18.9310, 25.8670

Conversions

Conversions Part 2

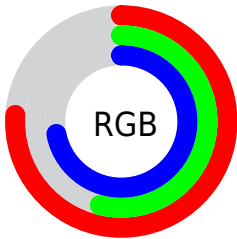
Format	Color
RYB	194, 138, 183
Decimal	12749495
CIELab	64.21, 28.55, -15.04
CIELCh	64, 32.270, 332.218
Yxy	33.0652, 0.3268, 0.2710
Android (android.graphics.Color)	4290939575 (0xFFC28AB7)
YUV	159.8740, 11.4011, 29.9285
Hunter-Lab	57.5023, 23.1469, -10.3471

Details

The Yxy color **33.0652, 0.3268, 0.2710** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.1378, 0.3013, 0.3950**, and the grayscale version is **35.0329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4405, 0.3243, 0.2816**, and **14.0035, 0.3312, 0.2541** is the 20% darker color. If you saturate the color by 10%, you get **27.8318, 0.3330, 0.2509**, and if you desaturate by 10%, it is **39.2996, 0.3213, 0.2915**.

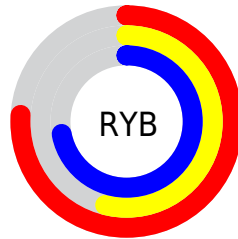
Distribution



Red (76%)

Green (54%)

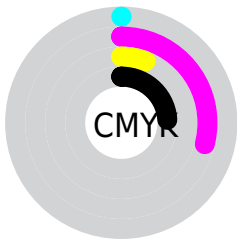
Blue (72%)



Red (76%)

Yellow (54%)

Blue (72%)

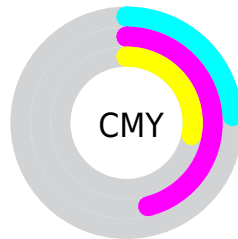


Cyan (0%)

Magenta (29%)

Yellow (6%)

Black (24%)



Cyan (24%)


Magenta (46%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0652, 0.3268, 0.2710 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 33.0652, 0.3268, 0.2710 by changing the saturation by 10% instead.


 33.0652, 0.3268,
0.2710


 33.0652, 0.3268,
0.2710


315.9434, 0.3200,
0.3002

 22.1764, 0.3284,
0.2637


 64.4773, 0.3244,
0.2817

 13.9866, 0.3304,
0.2542


 85.7694, 0.3235,
0.2857

 8.1113, 0.3330,
0.2416


 111.2981, 0.3227,
0.2890

 4.1663, 0.3364,
0.2240

141.4477, 0.3220,
0.2919

 1.7670, 0.3409,
0.1979

176.6026, 0.3214,
0.2944

 0.4665, 0.3530,
0.1399

217.1473, 0.3209,

 0.0000, 0.1992,

0.2966

0.0000

263.4661, 0.3204,
0.2985

0.0000, 0.0000,
0.0000

33.0652, 0.3268,
0.2710

33.0652, 0.3268,
0.2710

27.8318, 0.3330,
0.2509

39.2996, 0.3213,
0.2915

23.5421, 0.3398,
0.2319

46.5797, 0.3164,
0.3117

20.1398, 0.3471,
0.2151

54.9526, 0.3123,
0.3312

17.5607, 0.3547,
0.2014

64.4615, 0.3087,
0.3497

15.7319, 0.3624,
0.1918

75.1469, 0.3056,
0.3669

■ 14.5679, 0.3699,
0.1866

■ 87.0477, 0.3031,
0.3828

■ 13.9249, 0.3771,
0.1856

■ 87.6166, 0.3010,
0.3790

■ 13.8608, 0.3779,
0.1856

■ 87.8079, 0.2990,
0.3747

■ 88.0038, 0.2969,
0.3704

Harmonies

Analogous

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



33.0652, 0.2770, 0.2520



33.0652, 0.3268, 0.2710



33.0652, 0.3762, 0.3029

Triad

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



33.0652, 0.3268, 0.2710



33.0652, 0.3867, 0.4113



33.0652, 0.2257, 0.3039

Complementary

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



33.0652, 0.3268, 0.2710



46.1378, 0.3013, 0.3950

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.



33.0652, 0.2506, 0.3537



33.0652, 0.3268, 0.2710



33.0652, 0.3429, 0.4204

Square

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



33.0652, 0.3268, 0.2710



33.0652, 0.4116, 0.3811



33.0652, 0.2930, 0.3992



33.0652, 0.2222, 0.2671

Rectangle

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



33.0652, 0.3268, 0.2710



33.0652, 0.4004, 0.3285



33.0652, 0.2930, 0.3992



33.0652, 0.2317, 0.3197

Sweetspot

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



33.0667, 0.3268, 0.2710



83.9998, 0.3166, 0.3111



28.4004, 0.2719, 0.2484



17.9413, 0.3173, 0.3082



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.



33.0667, 0.3268, 0.2710



53.3691, 0.3309, 0.2574



32.0397, 0.3556, 0.3054



10.2126, 0.3167, 0.3107



9.1298, 0.3770, 0.1851



0.4033, 0.3623, 0.1770

Inverse Universe

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



33.0667, 0.3268, 0.2710



53.3691, 0.3309, 0.2574



47.1123, 0.2828, 0.3541



10.2126, 0.3167, 0.3107



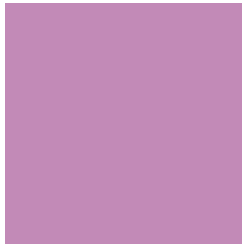
9.1298, 0.3770, 0.1851



0.4033, 0.3623, 0.1770

Previews

White Background



This preview shows how the Yxy color 33.0652, 0.3268, 0.2710 looks on a white background.

Color Contrast Check

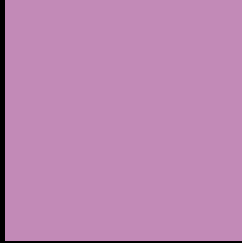
Large Text (above 18pt) WCAG AA × Fail

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 33.0652, 0.3268, 0.2710 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 33.0652, 0.3268, 0.2710

Background



This preview shows how black text looks on a background with the Yxy color 33.0652, 0.3268, 0.2710.



This preview shows how white text looks on a background with the Yxy color 33.0652, 0.3268, 0.2710.

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

33.0652, 0.3268, 0.2710

Protanopia

33.1172, 0.2718, 0.2716

Deuteranopia

33.1227, 0.2944, 0.2888



Tritanopia

32.9252, 0.3520, 0.3142

Trichromacy



Original Color

33.0652, 0.3268, 0.2710

Protanomaly

32.6840, 0.2895, 0.2704

Deuteranomaly

32.9743, 0.3060, 0.2819

Tritanomaly

32.8427, 0.3418, 0.2970

Monochromacy



Original Color

33.0652, 0.3268, 0.2710

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.0543, 0.3178, 0.3065

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0652, 0.3268, 0.2710 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(194, 138, 183)` looks like.

```
.text, #text, p{  
    color:rgb(194, 138, 183)  
}
```

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(194, 138, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 138, 183) }
```

Border

The CSS property to change the border of an element to Yxy 33.0652, 0.3268, 0.2710 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(194, 138, 183) }
```

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

```
.border{ border-color:rgb(194, 138, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 138, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 138, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 138, 183);  
box-shadow:4px 4px 4px 4px rgb(194, 138,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0652, 0.3268, 0.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 138, 183) }
```

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

```
.background{ background-color: rgb(194,  
138, 183) }
```

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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