

Converting Colors

$Yxy(33.4053, 0.3290, 0.2834)$

Have a look what the booklet for
Yxy(33.4053, 0.3290, 0.2834)
contains.

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Color

Yxy(33.4277, 0.3293, 0.2841)

Conversions

Conversions Part 1

Format	Color
Hex	BE8EB0
RGB	190, 142, 176
RGB Percent	75%, 56%, 69%
CMY	0.2549, 0.4431, 0.3098
CMYK	0.00, 0.25, 0.07, 0.25
HSL	317°, 27%, 65%
HSV	317°, 25%, 75%
XYZ	38.7460, 33.4277, 45.4880
YIQ	160.2280, 17.6940, 20.7500

Conversions

Conversions Part 2

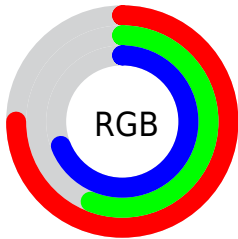
Format	Color
R_{YB}	190, 142, 176
Decimal	12488368
CIE _{Lab}	64.51, 23.73, -10.71
CIE _{LCh}	65, 26.034, 335.711
Yxy	33.4277, 0.3293, 0.2841
Android (android.graphics.Color)	4290678448 (0xFFBE8EB0)
YUV	160.2280, 7.7756, 26.1100
Hunter-Lab	57.8167, 18.4430, -6.1755

Details

The Yxy color **33.4277, 0.3293, 0.2841** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.9804, 0.2994, 0.3786**, and the grayscale version is **35.2228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.0802, 0.3261, 0.2921**, and **14.1465, 0.3349, 0.2712** is the 20% darker color. If you saturate the color by 10%, you get **28.0340, 0.3378, 0.2659**, and if you desaturate by 10%, it is **39.7970, 0.3219, 0.3023**.

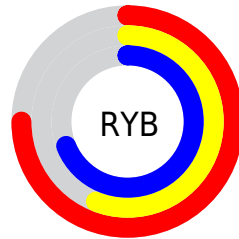
Distribution



Red (75%)

Green (56%)

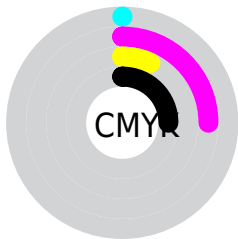
Blue (69%)



Red (75%)

Yellow (56%)

Blue (69%)

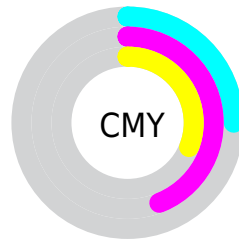


Cyan (0%)

Magenta (25%)

Yellow (7%)

Black (25%)



Cyan (25%)


Magenta (44%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.4277, 0.3293, 0.2841 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 33.4277, 0.3293, 0.2841 by changing the saturation by 10% instead.


 33.4277, 0.3293,
0.2841


 33.4277, 0.3293,
0.2841

317.5726, 0.3209,
0.3070


 22.4543, 0.3314,
0.2783


 65.0427, 0.3262,
0.2925

 14.1911, 0.3341,
0.2707


 86.4531, 0.3251,
0.2956

 8.2537, 0.3377,
0.2605

 112.1112, 0.3241,
0.2983

 4.2577, 0.3428,
0.2461

142.4016, 0.3233,
0.3005

 1.8187, 0.3504,
0.2241

177.7085, 0.3226,
0.3024

 0.4988, 0.3694,
0.1720

218.4164, 0.3220,

 0.0000, 0.0133,

0.3041

0.0000

264.9096, 0.3214,
0.3056

■ 0.0000, 0.0000,
0.0000

■ 33.4277, 0.3293,
0.2841

■ 33.4277, 0.3293,
0.2841

■ 28.0340, 0.3378,
0.2659

■ 39.7970, 0.3219,
0.3023

■ 23.5625, 0.3474,
0.2483

■ 47.1830, 0.3156,
0.3200

■ 19.9615, 0.3581,
0.2323

■ 55.6298, 0.3103,
0.3369

■ 17.1722, 0.3696,
0.2188

■ 65.1775, 0.3058,
0.3526

■ 15.1286, 0.3817,
0.2091

■ 75.8643, 0.3020,
0.3673

■ 13.7543, 0.3940,
0.2038

■ 87.0837, 0.2989,
0.3798

■ 12.9558, 0.4060,
0.2034

■ 87.3633, 0.2959,
0.3734

■ 12.6859, 0.4117,
0.2041

■ 87.6527, 0.2930,
0.3671

■ 87.9517, 0.2901,
0.3608

Harmonies

Analogous

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



33.4277, 0.2885, 0.2669



33.4277, 0.3293, 0.2841



33.4277, 0.3676, 0.3117

Triad

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



33.4277, 0.3293, 0.2841



33.4277, 0.3695, 0.3976



33.4277, 0.2404, 0.3054

Complementary

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



33.4277, 0.3293, 0.2841



44.9804, 0.2994, 0.3786

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.



33.4277, 0.2593, 0.3443



33.4277, 0.3293, 0.2841



33.4277, 0.3332, 0.4009

Square

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



33.4277, 0.3293, 0.2841



33.4277, 0.3912, 0.3757



33.4277, 0.2928, 0.3811



33.4277, 0.2394, 0.2768

Rectangle

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



33.4277, 0.3293, 0.2841



33.4277, 0.3854, 0.3333



33.4277, 0.2928, 0.3811



33.4277, 0.2448, 0.3177

Sweetspot

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



33.4292, 0.3293, 0.2841



81.4696, 0.3173, 0.3150



30.0927, 0.2823, 0.2605



17.4332, 0.3183, 0.3123



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.4292, 0.3293, 0.2841



55.2559, 0.3336, 0.2745



32.5745, 0.3540, 0.3150



9.6476, 0.3181, 0.3129



8.4491, 0.4102, 0.2033



0.3418, 0.3841, 0.1890

Inverse Universe

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



33.4292, 0.3293, 0.2841



55.2559, 0.3336, 0.2745



45.8593, 0.2830, 0.3436



9.6476, 0.3181, 0.3129



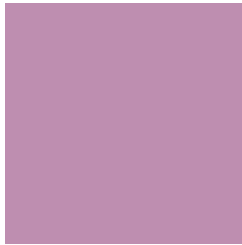
8.4491, 0.4102, 0.2033



0.3418, 0.3841, 0.1890

Previews

White Background



This preview shows how the Yxy color 33.4277, 0.3293, 0.2841 looks on a white background.

Color Contrast Check

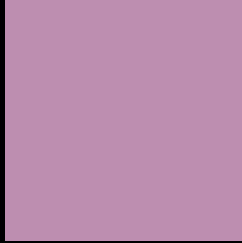
Large Text (above 18pt) WCAG AA × Fail

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 33.4277, 0.3293, 0.2841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

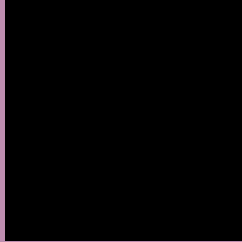
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.4277, 0.3293, 0.2841

Background



This preview shows how black text looks on a background with the Yxy color 33.4277, 0.3293, 0.2841.



This preview shows how white text looks on a background with the Yxy color 33.4277, 0.3293, 0.2841.

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

33.4277, 0.3293, 0.2841

Protanopia

33.5248, 0.2832, 0.2856

Deuteranopia

33.4050, 0.3044, 0.2975



Tritanopia

33.2499, 0.3452, 0.3127

Trichromacy



Original Color

33.4277, 0.3293, 0.2841

Protanomaly

33.1894, 0.2983, 0.2840

Deuteranomaly

33.1592, 0.3125, 0.2914

Tritanomaly

33.3182, 0.3392, 0.3020

Monochromacy



Original Color

33.4277, 0.3293, 0.2841

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.1936, 0.3185, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4277, 0.3293, 0.2841 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(190, 142, 176)` looks like.

```
.text, #text, p{  
    color:rgb(190, 142, 176)  
}
```

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(190, 142, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 142, 176) }
```

Border

The CSS property to change the border of an element to Yxy 33.4277, 0.3293, 0.2841 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(190, 142, 176) }
```

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

```
.border{ border-color:rgb(190, 142, 176) }
```

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

Here you see how a box with a 4 pixel rgb(190, 142, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 142, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 142, 176);  
box-shadow:4px 4px 4px 4px rgb(190, 142,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4277, 0.3293, 0.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 142, 176) }
```

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

```
.background{ background-color: rgb(190,  
142, 176) }
```

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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