

Converting Colors

$Yxy(30.8853, 0.3362, 0.2949)$

Have a look what the booklet for
Yxy(30.8853, 0.3362, 0.2949)
contains.

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Color

Yxy(30.8886, 0.3359, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	B78AA3
RGB	183, 138, 163
RGB Percent	72%, 54%, 64%
CMY	0.2823, 0.4588, 0.3607
CMYK	0.00, 0.25, 0.11, 0.28
HSL	327°, 24%, 63%
HSV	327°, 25%, 72%
XYZ	35.2308, 30.8886, 38.7655
YIQ	154.3050, 18.7950, 17.3150

Conversions

Conversions Part 2

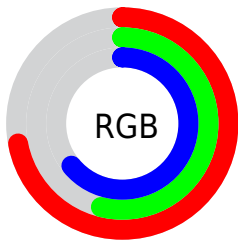
Format	Color
R _Y B	183, 138, 163
Decimal	12028579
CIE Lab	62.41, 21.18, -6.55
CIE LCh	62, 22.170, 342.803
Yxy	30.8886, 0.3359, 0.2945
Android (android.graphics.Color)	4290218659 (0xFFB78AA3)
YUV	154.3050, 4.2866, 25.1655
Hunter-Lab	55.5775, 15.8913, -2.4507

Details

The Yxy color **30.8886, 0.3359, 0.2945** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.7421, 0.2947, 0.3663**, and the grayscale version is **32.4317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1120, 0.3309, 0.3013**, and **12.7943, 0.3432, 0.2849** is the 20% darker color. If you saturate the color by 10%, you get **25.7917, 0.3485, 0.2799**, and if you desaturate by 10%, it is **36.8918, 0.3252, 0.3090**.

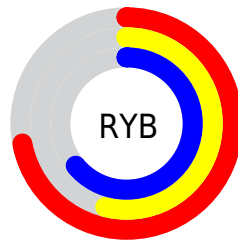
Distribution



Red (72%)

Green (54%)

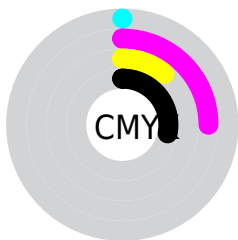
Blue (64%)



Red (72%)

Yellow (54%)

Blue (64%)

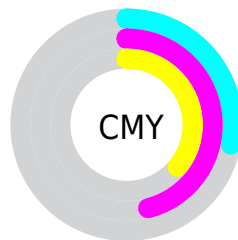


Cyan (0%)

Magenta (25%)

Yellow (11%)

Black (28%)



Cyan (28%)


Magenta (46%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8886, 0.3359, 0.2945 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 30.8886, 0.3359, 0.2945 by changing the saturation by 10% instead.


 30.8886, 0.3359,
0.2945


 30.8886, 0.3359,
0.2945


306.0248, 0.3237,
0.3125

 20.5140, 0.3391,
0.2898


 61.0646, 0.3313,
0.3012

 12.7692, 0.3434,
0.2836


 81.6349, 0.3297,
0.3037

 7.2698, 0.3493,
0.2750


 106.3725, 0.3283,
0.3057

 3.6314, 0.3581,
0.2625

135.6619, 0.3271,
0.3075

 1.4696, 0.3722,
0.2427

169.8874, 0.3261,
0.3090

 0.2672, 0.4313,
0.1495

209.4335, 0.3252,

 0.0000, 0.0000,

0.3103

0.0000

254.6845, 0.3244,
0.3114

■ 30.8886, 0.3359,
0.2945

■ 30.8886, 0.3359,
0.2945

■ 25.7917, 0.3485,
0.2799

■ 36.8918, 0.3252,
0.3090

■ 21.5523, 0.3632,
0.2656

■ 43.8387, 0.3163,
0.3229

■ 18.1232, 0.3801,
0.2526

■ 51.7697, 0.3089,
0.3360

■ 15.4510, 0.3989,
0.2419

■ 60.7214, 0.3027,
0.3482

■ 13.4760, 0.4191,
0.2347

■ 70.7289, 0.2976,
0.3595

■ 12.1290, 0.4402,
0.2321

■ 81.8251, 0.2933,
0.3699

■ 11.3266, 0.4610,
0.2347

■ 86.7509, 0.2893,
0.3680

■ 11.0227, 0.4722,
0.2375

■ 87.1918, 0.2851,
0.3587

■ 87.6540, 0.2809,
0.3495

Harmonies

Analogous

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



30.8886, 0.2997, 0.2767



30.8886, 0.3359, 0.2945



30.8886, 0.3670, 0.3206

Triad

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



30.8886, 0.3359, 0.2945



30.8886, 0.3560, 0.3914



30.8886, 0.2473, 0.3017

Complementary

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



30.8886, 0.3359, 0.2945



41.7421, 0.2947, 0.3663

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.



30.8886, 0.2606, 0.3343



30.8886, 0.3359, 0.2945



30.8886, 0.3225, 0.3891

Square

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



30.8886, 0.3359, 0.2945



30.8886, 0.3785, 0.3759



30.8886, 0.2877, 0.3675



30.8886, 0.2503, 0.2792

Rectangle

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



30.8886, 0.3359, 0.2945



30.8886, 0.3797, 0.3401



30.8886, 0.2877, 0.3675



30.8886, 0.2500, 0.3118

Sweetspot

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



30.8900, 0.3359, 0.2945



75.2064, 0.3184, 0.3194



28.8145, 0.2899, 0.2640



16.4423, 0.3189, 0.3186



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



30.8900, 0.3359, 0.2945



49.7394, 0.3431, 0.2859



30.1679, 0.3600, 0.3249



9.0936, 0.3203, 0.3164



7.7027, 0.4699, 0.2362



0.2838, 0.4216, 0.2096

Inverse Universe

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



30.8900, 0.3359, 0.2945



49.7394, 0.3431, 0.2859



42.5696, 0.2791, 0.3332



9.0936, 0.3203, 0.3164



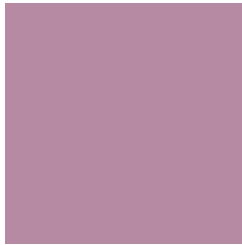
7.7027, 0.4699, 0.2362



0.2838, 0.4216, 0.2096

Previews

White Background



This preview shows how the Yxy color 30.8886, 0.3359, 0.2945 looks on a white background.

Color Contrast Check

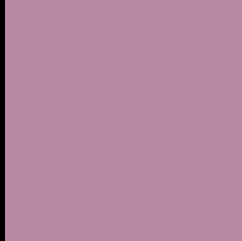
Large Text (above 18pt) WCAG AA × Fail

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 30.8886, 0.3359, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

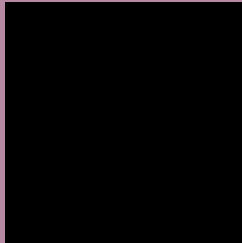
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8886, 0.3359, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 30.8886, 0.3359, 0.2945.



This preview shows how white text looks on a background with the Yxy color 30.8886, 0.3359, 0.2945.

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

30.8886, 0.3359, 0.2945

Protanopia

31.0489, 0.2918, 0.2973

Deuteranopia

31.0177, 0.3137, 0.3083



Tritanopia

30.8143, 0.3462, 0.3136

Trichromacy



Original Color

30.8886, 0.3359, 0.2945

Protanomaly

30.9620, 0.3071, 0.2967

Deuteranomaly

30.9902, 0.3212, 0.3030

Tritanomaly

30.7769, 0.3432, 0.3067

Monochromacy



Original Color

30.8886, 0.3359, 0.2945

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.6135, 0.3216, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8886, 0.3359, 0.2945 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(183, 138, 163)` looks like.

```
.text, #text, p{  
    color:rgb(183, 138, 163)  
}
```

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(183, 138, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 138, 163) }
```

Border

The CSS property to change the border of an element to Yxy 30.8886, 0.3359, 0.2945 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(183, 138, 163) }
```

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

```
.border{ border-color:rgb(183, 138, 163) }
```

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

Here you see how a box with a 4 pixel rgb(183, 138, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 138, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 138, 163);  
box-shadow:4px 4px 4px 4px rgb(183, 138,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8886, 0.3359, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 138, 163) }
```

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

```
.background{ background-color: rgb(183,  
138, 163) }
```

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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