

Converting Colors

$Yxy(29.8988, 0.3477, 0.3148)$

Have a look what the booklet for
Yxy(29.8988, 0.3477, 0.3148)
contains.

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Color

Yxy(29.8988, 0.3477, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	B38A94
RGB	179, 138, 148
RGB Percent	70%, 54%, 58%
CMY	0.2981, 0.4588, 0.4195
CMYK	0.00, 0.23, 0.17, 0.30
HSL	345°, 21%, 62%
HSV	345°, 23%, 70%
XYZ	33.0235, 29.8988, 32.0548
YIQ	151.3990, 21.2260, 11.8020

Conversions

Conversions Part 2

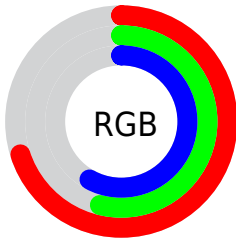
Format	Color
R _Y B	179, 138, 148
Decimal	11766420
CIE Lab	61.57, 17.17, 0.69
CIE LCh	62, 17.179, 2.296
Yxy	29.8988, 0.3477, 0.3148
Android (android.graphics.Color)	4289956500 (0xFFB38A94)
YUV	151.3990, -1.6757, 24.2061
Hunter-Lab	54.6798, 12.1144, 3.5184

Details

The Yxy color **29.8988, 0.3477, 0.3148** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.5039, 0.2865, 0.3438**, and the grayscale version is **31.1286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.6257, 0.3403, 0.3181**, and **12.2781, 0.3612, 0.3112** is the 20% darker color. If you saturate the color by 10%, you get **24.7764, 0.3689, 0.3082**, and if you desaturate by 10%, it is **35.9204, 0.3304, 0.3212**.

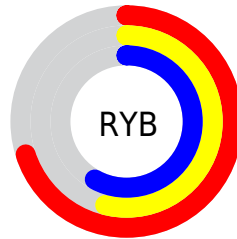
Distribution



Red (70%)

Green (54%)

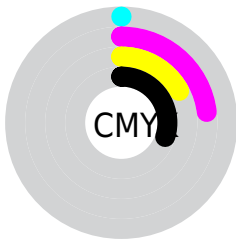
Blue (58%)



Red (70%)

Yellow (54%)

Blue (58%)

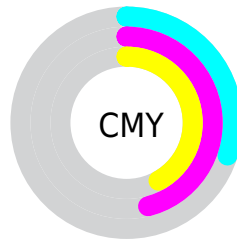


Cyan (0%)

Magenta (23%)

Yellow (17%)

Black (30%)



Cyan (30%)


Magenta (46%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8988, 0.3477, 0.3148 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 29.8988, 0.3477, 0.3148 by changing the saturation by 10% instead.


 29.8988, 0.3477,
0.3148


 29.8988, 0.3477,
0.3148


301.4325, 0.3289,
0.3225


 19.7618, 0.3529,
0.3127


 59.5021, 0.3405,
0.3177

 12.2220, 0.3599,
0.3098


 79.7372, 0.3379,
0.3188

 6.8951, 0.3698,
0.3057


 104.1071, 0.3358,
0.3197

 3.3966, 0.3850,
0.2994

132.9962, 0.3340,
0.3204

 1.3421, 0.4110,
0.2884

166.7888, 0.3324,
0.3210

 0.1735, 0.6501,
0.1931

205.8695, 0.3311,

 0.0000, 0.0000,

0.3216

0.0000

250.6226, 0.3299,
0.3221

■ 29.8988, 0.3477,
0.3148

■ 29.8988, 0.3477,
0.3148

■ 24.7764, 0.3689,
0.3082

■ 35.9204, 0.3304,
0.3212

■ 20.5060, 0.3946,
0.3018

■ 42.8773, 0.3163,
0.3273

■ 17.0422, 0.4251,
0.2962

■ 50.8086, 0.3048,
0.3330

■ 14.3337, 0.4602,
0.2922

■ 59.7501, 0.2955,
0.3381

■ 12.3235, 0.4985,
0.2908

■ 69.7355, 0.2879,
0.3429

■ 10.9460, 0.5373,
0.2929

■ 80.7973, 0.2816,
0.3472

■ 10.1232, 0.5726,
0.2991

■ 87.5558, 0.2756,
0.3423

■ 9.7623, 0.5942,
0.3047

■ 88.3226, 0.2696,
0.3289

Harmonies

Analogous

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



29.8988, 0.3212, 0.2957



29.8988, 0.3477, 0.3148



29.8988, 0.3649, 0.3379

Triad

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



29.8988, 0.3477, 0.3148



29.8988, 0.3305, 0.3780



29.8988, 0.2609, 0.2951

Complementary

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



29.8988, 0.3477, 0.3148



40.5039, 0.2865, 0.3438

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.



29.8988, 0.2632, 0.3164



29.8988, 0.3477, 0.3148



29.8988, 0.3026, 0.3661

Square

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



29.8988, 0.3477, 0.3148



29.8988, 0.3544, 0.3751



29.8988, 0.2782, 0.3428



29.8988, 0.2716, 0.2840

Rectangle

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



29.8988, 0.3477, 0.3148



29.8988, 0.3682, 0.3531



29.8988, 0.2782, 0.3428



29.8988, 0.2602, 0.3013

Sweetspot

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



29.9002, 0.3477, 0.3148



71.3322, 0.3219, 0.3248



29.8400, 0.3048, 0.2713



15.6405, 0.3227, 0.3244



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



29.9002, 0.3477, 0.3148



49.1781, 0.3568, 0.3118



32.6769, 0.3556, 0.3438



8.5382, 0.3250, 0.3235



6.9083, 0.5914, 0.3031



0.2267, 0.5124, 0.2596

Inverse Universe

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



29.9002, 0.3477, 0.3148



49.1781, 0.3568, 0.3118



36.9391, 0.2782, 0.3137



8.5382, 0.3250, 0.3235



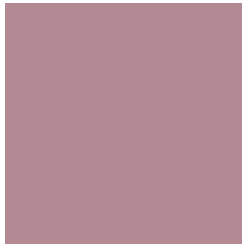
6.9083, 0.5914, 0.3031



0.2267, 0.5124, 0.2596

Previews

White Background



This preview shows how the Yxy color 29.8988, 0.3477, 0.3148 looks on a white background.

Color Contrast Check

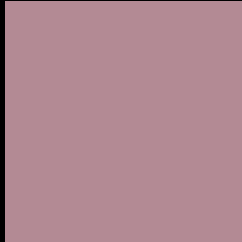
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8988, 0.3477, 0.3148 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 × Fail

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

Yxy 29.8988, 0.3477, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 29.8988, 0.3477, 0.3148.



This preview shows how white text looks on a background with the Yxy color 29.8988, 0.3477, 0.3148.

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

29.8988, 0.3477, 0.3148

Protanopia

29.9969, 0.3091, 0.3197

Deuteranopia

29.9456, 0.3311, 0.3245



Tritanopia

29.9306, 0.3466, 0.3134

Trichromacy



Original Color

29.8988, 0.3477, 0.3148

Protanomaly

29.7906, 0.3228, 0.3170

Deuteranomaly

29.8876, 0.3369, 0.3217

Tritanomaly

29.9306, 0.3466, 0.3134

Monochromacy



Original Color

29.8988, 0.3477, 0.3148

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.3368, 0.3245, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8988, 0.3477, 0.3148 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(179, 138, 148)` looks like.

```
.text, #text, p{  
    color:rgb(179, 138, 148)  
}
```

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(179, 138, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 138, 148) }
```

Border

The CSS property to change the border of an element to Yxy 29.8988, 0.3477, 0.3148 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(179, 138, 148) }
```

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

```
.border{ border-color:rgb(179, 138, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 138, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 138, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 138, 148);  
box-shadow:4px 4px 4px 4px rgb(179, 138,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8988, 0.3477, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 138, 148) }
```

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

```
.background{ background-color: rgb(179,  
138, 148) }
```

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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