

Converting Colors

$Y_{xy}(29.0261, 0.3713, 0.3134)$

Have a look what the booklet for
Yxy(29.0261, 0.3713, 0.3134)
contains.

Yxy(28.9946, 0.3705, 0.3127)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(28.9946, 0.3705, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	BF828E
RGB	191, 130, 142
RGB Percent	75%, 51%, 56%
CMY	0.2509, 0.4902, 0.4432
CMYK	0.00, 0.32, 0.26, 0.25
HSL	348°, 32%, 63%
HSV	348°, 32%, 75%
XYZ	34.3540, 28.9946, 29.3748
YIQ	149.6070, 32.5040, 16.6640

Conversions

Conversions Part 2

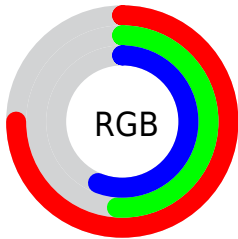
Format	Color
R _Y B	191, 130, 142
Decimal	12550798
CIE Lab	60.78, 25.23, 3.14
CIE LCh	61, 25.424, 7.100
Yxy	28.9946, 0.3705, 0.3127
Android (android.graphics.Color)	4290740878 (0xFFBF828E)
YUV	149.6070, -3.7503, 36.3017
Hunter-Lab	53.8466, 19.6509, 5.3484

Details

The Yxy color **28.9946, 0.3705, 0.3127** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.2707, 0.2752, 0.3462**, and the grayscale version is **30.3308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.8090, 0.3578, 0.3153**, and **11.7443, 0.3904, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **23.9479, 0.3977, 0.3075**, and if you desaturate by 10%, it is **35.0508, 0.3481, 0.3180**.

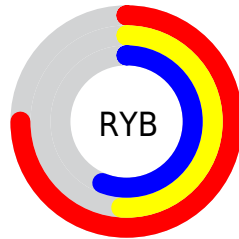
Distribution



Red (75%)

Green (51%)

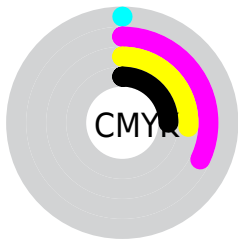
Blue (56%)



Red (75%)

Yellow (51%)

Blue (56%)

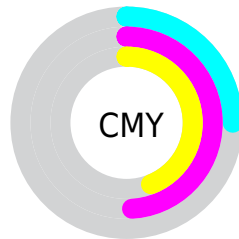


Cyan (0%)

Magenta (32%)

Yellow (26%)

Black (25%)



Cyan (25%)


Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9946, 0.3705, 0.3127 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 28.9946, 0.3705, 0.3127 by changing the saturation by 10% instead.


 28.9946, 0.3705,
0.3127


 28.9946, 0.3705,
0.3127


297.1895, 0.3392,
0.3218


 19.0767, 0.3792,
0.3101


 58.0685, 0.3585,
0.3163

 11.7257, 0.3910,
0.3065


 77.9933, 0.3542,
0.3175

 6.5572, 0.4077,
0.3012


 102.0226, 0.3506,
0.3185

 3.1868, 0.4335,
0.2928

130.5407, 0.3476,
0.3194

 1.2300, 0.4776,
0.2777

163.9321, 0.3450,
0.3201

 0.0860, 0.8902,
0.1098

202.5811, 0.3428,

 0.0000, 0.0000,

0.3208

0.0000

246.8721, 0.3409,
0.3213

■ 28.9946, 0.3705,
0.3127

■ 28.9946, 0.3705,
0.3127

■ 23.9479, 0.3977,
0.3075

■ 35.0508, 0.3481,
0.3180

■ 19.8516, 0.4302,
0.3030

■ 42.1631, 0.3300,
0.3232

■ 16.6471, 0.4677,
0.2999


■ 50.3800, 0.3152,
0.3281


■ 14.2673, 0.5085,
0.2990


■ 59.7460, 0.3033,
0.3326


■ 12.6356, 0.5493,
0.3013


■ 70.3031, 0.2936,
0.3367

 11.6610, 0.5855,
0.3070

 82.0910, 0.2857,
0.3405

 11.2159, 0.6088,
0.3128

 89.4643, 0.2785,
0.3348

 89.8188, 0.2757,
0.3289

Harmonies

Analogous

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



28.9946, 0.3316, 0.2842



28.9946, 0.3705, 0.3127



28.9946, 0.3933, 0.3462

Triad

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



28.9946, 0.3705, 0.3127



28.9946, 0.3317, 0.4023



28.9946, 0.2382, 0.2745

Complementary

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



28.9946, 0.3705, 0.3127



45.2707, 0.2752, 0.3462

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.



28.9946, 0.2383, 0.3031



28.9946, 0.3705, 0.3127



28.9946, 0.2905, 0.3809

Square

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



28.9946, 0.3705, 0.3127



28.9946, 0.3693, 0.3998



28.9946, 0.2568, 0.3428



28.9946, 0.2563, 0.2621

Rectangle

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



28.9946, 0.3705, 0.3127



28.9946, 0.3955, 0.3681



28.9946, 0.2568, 0.3428



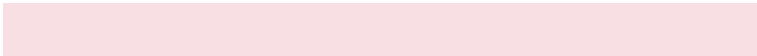
28.9946, 0.2362, 0.2824

Sweetspot

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



28.9960, 0.3705, 0.3127



77.9802, 0.3271, 0.3241



29.2883, 0.3038, 0.2476



16.6887, 0.3294, 0.3234



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.



28.9960, 0.3705, 0.3127



45.7097, 0.3881, 0.3092



33.9654, 0.3771, 0.3542



9.5662, 0.3258, 0.3245



7.3786, 0.6059, 0.3111



0.2983, 0.5407, 0.2752

Inverse Universe

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



28.9960, 0.3705, 0.3127



45.7097, 0.3881, 0.3092



38.2847, 0.2644, 0.3021



9.5662, 0.3258, 0.3245



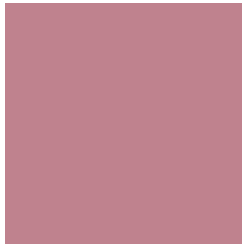
7.3786, 0.6059, 0.3111



0.2983, 0.5407, 0.2752

Previews

White Background



This preview shows how the Yxy color 28.9946, 0.3705, 0.3127 looks on a white background.

Color Contrast Check

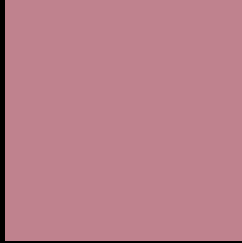
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9946, 0.3705, 0.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

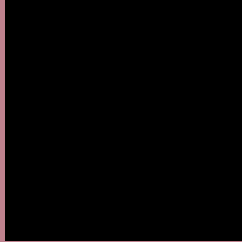
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9946, 0.3705, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 28.9946, 0.3705, 0.3127.

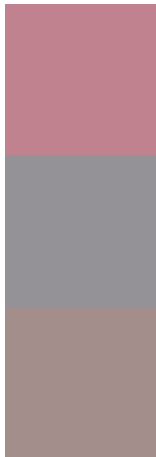


This preview shows how white text looks on a background with the Yxy color 28.9946, 0.3705, 0.3127.

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

28.9946, 0.3705, 0.3127

Protanopia

29.0880, 0.3100, 0.3211

Deuteranopia

29.1320, 0.3388, 0.3321



Tritanopia

28.9351, 0.3729, 0.3154

Trichromacy



Original Color

28.9946, 0.3705, 0.3127

Protanomaly

28.7868, 0.3307, 0.3170

Deuteranomaly

29.0987, 0.3499, 0.3247

Tritanomaly

28.9647, 0.3717, 0.3141

Monochromacy



Original Color

28.9946, 0.3705, 0.3127

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.7508, 0.3323, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9946, 0.3705, 0.3127 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(191, 130, 142)` looks like.

```
.text, #text, p{  
    color:rgb(191, 130, 142)  
}
```

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(191, 130, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 130, 142) }
```

Border

The CSS property to change the border of an element to Yxy 28.9946, 0.3705, 0.3127 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(191, 130, 142) }
```

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

```
.border{ border-color:rgb(191, 130, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 130, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 130, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 130, 142);  
box-shadow:4px 4px 4px 4px rgb(191, 130,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9946, 0.3705, 0.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 130, 142) }
```

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

```
.background{ background-color: rgb(191,  
130, 142) }
```

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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