

Converting Colors

$Y_{xy}(29.9013, 0.3524, 0.3178)$

Have a look what the booklet for
Yxy(29.9013, 0.3524, 0.3178)
contains.

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Color

Yxy(30.0760, 0.3522, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	B58A92
RGB	181, 138, 146
RGB Percent	71%, 54%, 57%
CMY	0.2902, 0.4588, 0.4276
CMYK	0.00, 0.24, 0.19, 0.29
HSL	349°, 23%, 63%
HSV	349°, 24%, 71%
XYZ	33.3316, 30.0760, 31.2306
YIQ	151.7690, 23.0600, 11.6040

Conversions

Conversions Part 2

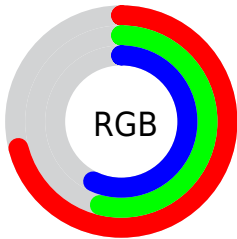
Format	Color
RYB	181, 138, 146
Decimal	11897490
CIELab	61.72, 17.60, 2.10
CIElCh	62, 17.721, 6.812
Yxy	30.0760, 0.3522, 0.3178
Android (android.graphics.Color)	4290087570 (0xFFB58A92)
YUV	151.7690, -2.8441, 25.6356
Hunter-Lab	54.8416, 12.5157, 4.6253

Details

The Yxy color **30.0760, 0.3522, 0.3178** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.4717, 0.2838, 0.3406**, and the grayscale version is **31.2998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8739, 0.3435, 0.3204**, and **12.3360, 0.3645, 0.3133** is the 20% darker color. If you saturate the color by 10%, you get **24.8793, 0.3756, 0.3128**, and if you desaturate by 10%, it is **36.2002, 0.3331, 0.3227**.

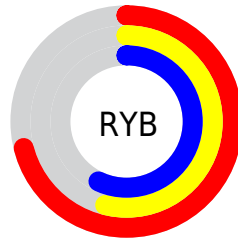
Distribution



Red (71%)

Green (54%)

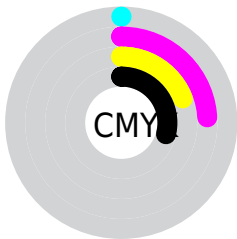
Blue (57%)



Red (71%)

Yellow (54%)

Blue (57%)

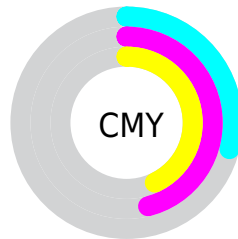


Cyan (0%)

Magenta (24%)

Yellow (19%)

Black (29%)



Cyan (29%)


Magenta (46%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.0760, 0.3522, 0.3178 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 30.0760, 0.3522, 0.3178 by changing the saturation by 10% instead.


 30.0760, 0.3522,
0.3178

 30.0760, 0.3522,
0.3178


302.2585, 0.3309,
0.3240


 19.8963, 0.3581,
0.3161


 59.7823, 0.3441,
0.3202

 12.3197, 0.3660,
0.3137


 80.0778, 0.3412,
0.3210

 6.9618, 0.3772,
0.3102


 104.5139, 0.3387,
0.3217

 3.4382, 0.3944,
0.3049

133.4751, 0.3367,
0.3223

 1.3646, 0.4238,
0.2953

167.3457, 0.3349,
0.3228

 0.1904, 0.7089,
0.2211

206.5103, 0.3334,

 0.0000, 0.0000,

0.3233

0.0000

251.3531, 0.3321,
0.3236

■ 30.0760, 0.3522,
0.3178

■ 30.0760, 0.3522,
0.3178

■ 24.8793, 0.3756,
0.3128

■ 36.2002, 0.3331,
0.3227

■ 20.5608, 0.4041,
0.3080

■ 43.2898, 0.3177,
0.3273

■ 17.0731, 0.4378,
0.3040

■ 51.3856, 0.3052,
0.3316

■ 14.3624, 0.4764,
0.3014

■ 60.5248, 0.2951,
0.3356

■ 12.3688, 0.5178,
0.3011

■ 70.7428, 0.2868,
0.3392

■ 11.0232, 0.5584,
0.3039

■ 82.0732, 0.2800,
0.3424

■ 10.2431, 0.5932,
0.3098

■ 88.1964, 0.2734,
0.3351

■ 9.9370, 0.6110,
0.3139

■ 88.5642, 0.2706,
0.3289

Harmonies

Analogous

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



30.0760, 0.3258, 0.2973



30.0760, 0.3522, 0.3178



30.0760, 0.3678, 0.3417

Triad

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



30.0760, 0.3522, 0.3178



30.0760, 0.3267, 0.3786



30.0760, 0.2603, 0.2917

Complementary

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



30.0760, 0.3522, 0.3178



41.4717, 0.2838, 0.3406

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.



30.0760, 0.2606, 0.3122



30.0760, 0.3522, 0.3178



30.0760, 0.2981, 0.3642

Square

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



30.0760, 0.3522, 0.3178



30.0760, 0.3524, 0.3779



30.0760, 0.2741, 0.3391



30.0760, 0.2732, 0.2821

Rectangle

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



30.0760, 0.3522, 0.3178



30.0760, 0.3696, 0.3570



30.0760, 0.2741, 0.3391



30.0760, 0.2588, 0.2974

Sweetspot

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



30.0774, 0.3522, 0.3178



73.0615, 0.3225, 0.3258



30.3315, 0.3066, 0.2693



15.6284, 0.3234, 0.3256



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.



30.0774, 0.3522, 0.3178



48.3344, 0.3650, 0.3149



33.7622, 0.3570, 0.3474



8.5301, 0.3259, 0.3248



6.8578, 0.6083, 0.3124



0.2234, 0.5368, 0.2731

Inverse Universe

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



30.0774, 0.3522, 0.3178



48.3344, 0.3650, 0.3149



36.7840, 0.2767, 0.3098



8.5301, 0.3259, 0.3248



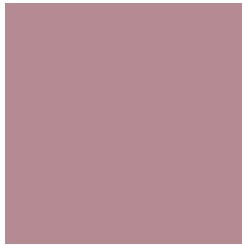
6.8578, 0.6083, 0.3124



0.2234, 0.5368, 0.2731

Previews

White Background



This preview shows how the Yxy color 30.0760, 0.3522, 0.3178 looks on a white background.

Color Contrast Check

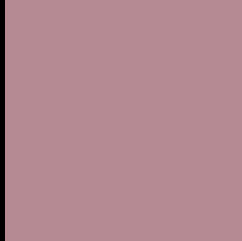
Large Text (above 18pt) WCAG AA × Fail

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 30.0760, 0.3522, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

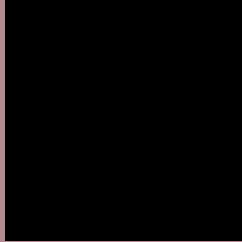
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0760, 0.3522, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 30.0760, 0.3522, 0.3178.



This preview shows how white text looks on a background with the Yxy color 30.0760, 0.3522, 0.3178.

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

30.0760, 0.3522, 0.3178

Protanopia

30.3412, 0.3119, 0.3244

Deuteranopia

29.9902, 0.3342, 0.3276



Tritanopia

30.1388, 0.3500, 0.3149

Trichromacy



Original Color

30.0760, 0.3522, 0.3178

Protanomaly

30.1342, 0.3257, 0.3215

Deuteranomaly

30.0483, 0.3412, 0.3247

Tritanomaly

30.1073, 0.3511, 0.3163

Monochromacy



Original Color

30.0760, 0.3522, 0.3178

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.8560, 0.3265, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0760, 0.3522, 0.3178 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(181, 138, 146)` looks like.

```
.text, #text, p{  
    color:rgb(181, 138, 146)  
}
```

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(181, 138, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 138, 146) }
```

Border

The CSS property to change the border of an element to Yxy 30.0760, 0.3522, 0.3178 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(181, 138, 146) }
```

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

```
.border{ border-color:rgb(181, 138, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 138, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 138, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 138, 146);  
box-shadow:4px 4px 4px 4px rgb(181, 138,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0760, 0.3522, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 138, 146) }
```

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

```
.background{ background-color: rgb(181,  
138, 146) }
```

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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