

Converting Colors

$Y_{xy}(26.7698, 0.3652, 0.3166)$

Have a look what the booklet for
Yxy(26.7698, 0.3652, 0.3166)
contains.

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Color

Yxy(26.9192, 0.3656, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	B48088
RGB	180, 128, 136
RGB Percent	71%, 50%, 53%
CMY	0.2941, 0.4980, 0.4667
CMYK	0.00, 0.29, 0.24, 0.29
HSL	351°, 26%, 60%
HSV	351°, 29%, 71%
XYZ	30.9876, 26.9192, 26.8514
YIQ	144.4600, 28.4240, 13.5120

Conversions

Conversions Part 2

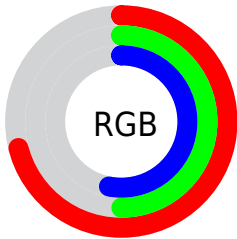
Format	Color
RYB	180, 128, 136
Decimal	11829384
CIELab	58.90, 21.29, 3.72
CIElCh	59, 21.607, 9.906
Yxy	26.9192, 0.3656, 0.3176
Android (android.graphics.Color)	4290019464 (0xFFB48088)
YUV	144.4600, -4.1708, 31.1686
Hunter-Lab	51.8837, 15.8128, 5.6342

Details

The Yxy color **26.9192, 0.3656, 0.3176** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.2175, 0.2770, 0.3409**, and the grayscale version is **28.0944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7264, 0.3549, 0.3203**, and **10.5563, 0.3858, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **22.2309, 0.3926, 0.3135**, and if you desaturate by 10%, it is **32.5047, 0.3435, 0.3217**.

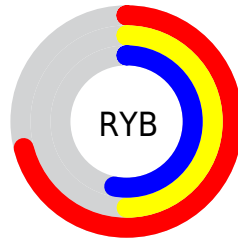
Distribution



Red (71%)

Green (50%)

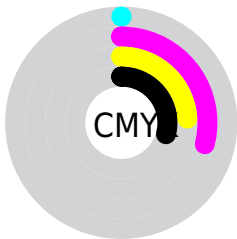
Blue (53%)



Red (71%)

Yellow (50%)

Blue (53%)

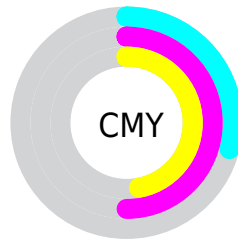


Cyan (0%)

Magenta (29%)

Yellow (24%)

Black (29%)



Cyan (29%)


Magenta (50%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9192, 0.3656, 0.3176 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 26.9192, 0.3656, 0.3176 by changing the saturation by 10% instead.


 26.9192, 0.3656,
0.3176


 26.9192, 0.3656,
0.3176


287.2657, 0.3366,
0.3241


 17.5125, 0.3738,
0.3156


 54.7542, 0.3544,
0.3202

 10.6006, 0.3851,
0.3129


 73.9513, 0.3504,
0.3211

 5.7990, 0.4013,
0.3087

 97.1807, 0.3471,
0.3218

 2.7232, 0.4267,
0.3018

124.8268, 0.3443,
0.3225

 0.9890, 0.4731,
0.2892

157.2739, 0.3419,
0.3230

 0.0000, 1.0000,
0.0000

194.9065, 0.3399,

 0.0000, 0.0000,

0.3234

0.0000

238.1090, 0.3381,
0.3238

■ 26.9192, 0.3656,
0.3176

■ 26.9192, 0.3656,
0.3176

■ 22.2309, 0.3926,
0.3135

■ 32.5047, 0.3435,
0.3217

■ 18.3893, 0.4251,
0.3099

■ 39.0269, 0.3257,
0.3257

■ 15.3449, 0.4630,
0.3072


■ 46.5274, 0.3113,
0.3294

■ 13.0414, 0.5049,
0.3061


■ 55.0442, 0.2996,
0.3328

■ 11.4151, 0.5476,
0.3075


■ 64.6134, 0.2901,
0.3359

 10.3913, 0.5860,
0.3116

 75.2692, 0.2824,
0.3387

 9.8388, 0.6155,
0.3175

 87.0443, 0.2760,
0.3413

 9.7874, 0.6183,
0.3180

 88.4452, 0.2701,
0.3289

Harmonies

Analogous

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



26.9192, 0.3328, 0.2916



26.9192, 0.3656, 0.3176



26.9192, 0.3836, 0.3473

Triad

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



26.9192, 0.3656, 0.3176



26.9192, 0.3262, 0.3915



26.9192, 0.2481, 0.2798

Complementary

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



26.9192, 0.3656, 0.3176



40.2175, 0.2770, 0.3409

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.



26.9192, 0.2467, 0.3040



26.9192, 0.3656, 0.3176



26.9192, 0.2904, 0.3712

Square

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



26.9192, 0.3656, 0.3176



26.9192, 0.3597, 0.3918



26.9192, 0.2617, 0.3378



26.9192, 0.2655, 0.2699

Rectangle

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



26.9192, 0.3656, 0.3176



26.9192, 0.3843, 0.3662



26.9192, 0.2617, 0.3378



26.9192, 0.2457, 0.2864

Sweetspot

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



26.9205, 0.3656, 0.3176



70.4232, 0.3261, 0.3256



27.4308, 0.3068, 0.2563



14.8320, 0.3285, 0.3250



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.



26.9205, 0.3656, 0.3176



42.9305, 0.3831, 0.3149



31.6178, 0.3684, 0.3540



8.5259, 0.3264, 0.3255



6.8362, 0.6159, 0.3167



0.2217, 0.5512, 0.2810

Inverse Universe

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



26.9205, 0.3656, 0.3176



42.9305, 0.3831, 0.3149



33.9648, 0.2688, 0.3024



8.5259, 0.3264, 0.3255



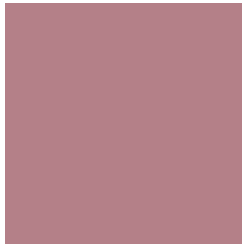
6.8362, 0.6159, 0.3167



0.2217, 0.5512, 0.2810

Previews

White Background



This preview shows how the Yxy color 26.9192, 0.3656, 0.3176 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 26.9192, 0.3656, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

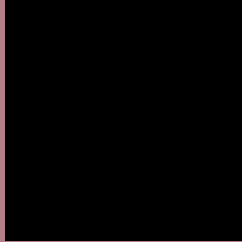
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9192, 0.3656, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 26.9192, 0.3656, 0.3176.



This preview shows how white text looks on a background with the Yxy color 26.9192, 0.3656, 0.3176.

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

26.9192, 0.3656, 0.3176

Protanopia

26.9927, 0.3129, 0.3241

Deuteranopia

26.9835, 0.3408, 0.3338



Tritanopia

26.9766, 0.3632, 0.3147

Trichromacy



Original Color

26.9192, 0.3656, 0.3176

Protanomaly

26.6995, 0.3311, 0.3212

Deuteranomaly

27.0150, 0.3497, 0.3276

Tritanomaly

26.9478, 0.3644, 0.3162

Monochromacy



Original Color

26.9192, 0.3656, 0.3176

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.2681, 0.3307, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9192, 0.3656, 0.3176 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(180, 128, 136)` looks like.

```
.text, #text, p{  
    color:rgb(180, 128, 136)  
}
```

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(180, 128, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 128, 136) }
```

Border

The CSS property to change the border of an element to Yxy 26.9192, 0.3656, 0.3176 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(180, 128, 136) }
```

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

```
.border{ border-color:rgb(180, 128, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 128, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 128, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 128, 136);  
box-shadow:4px 4px 4px 4px rgb(180, 128,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9192, 0.3656, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 128, 136) }
```

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

```
.background{ background-color: rgb(180,  
128, 136) }
```

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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