

Converting Colors

$Y_{xy}(26.7330, 0.3629, 0.3185)$

Have a look what the booklet for
Yxy(26.7330, 0.3629, 0.3185)
contains.

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Color

Yxy(26.6809, 0.3632, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	B28088
RGB	178, 128, 136
RGB Percent	70%, 50%, 53%
CMY	0.3020, 0.4980, 0.4667
CMYK	0.00, 0.28, 0.24, 0.30
HSL	350°, 25%, 60%
HSV	350°, 28%, 70%
XYZ	30.5213, 26.6809, 26.8322
YIQ	143.8620, 27.2320, 13.0880

Conversions

Conversions Part 2

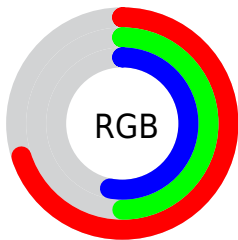
Format	Color
RYB	178, 128, 136
Decimal	11698312
CIELab	58.68, 20.51, 3.37
CIELCh	59, 20.780, 9.319
Yxy	26.6809, 0.3632, 0.3175
Android (android.graphics.Color)	4289888392 (0xFFB28088)
YUV	143.8620, -3.8760, 29.9390
Hunter-Lab	51.6536, 15.0791, 5.3585

Details

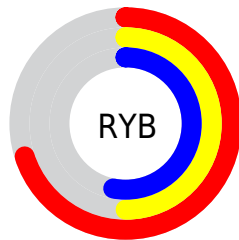
The Yxy color **26.6809, 0.3632, 0.3175** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.3293, 0.2781, 0.3410**, and the grayscale version is **27.8396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3840, 0.3531, 0.3202**, and **10.4058, 0.3823, 0.3128** is the 20% darker color. If you saturate the color by 10%, you get **22.0427, 0.3895, 0.3133**, and if you desaturate by 10%, it is **32.1954, 0.3417, 0.3218**.

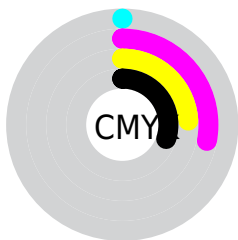
Distribution



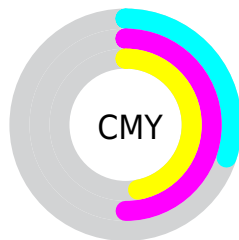
- Red (70%)
- Green (50%)
- Blue (53%)



- Red (70%)
- Yellow (50%)
- Blue (53%)



- Cyan (0%)
- Magenta (28%)
- Yellow (24%)
- Black (30%)





- Cyan (30%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6809, 0.3632, 0.3175 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 26.6809, 0.3632, 0.3175 by changing the saturation by 10% instead.

 26.6809, 0.3632,
0.3175


 26.6809, 0.3632,
0.3175


286.1088, 0.3355,
0.3241


 17.3337, 0.3711,
0.3155


 54.3714, 0.3525,
0.3201

 10.4727, 0.3818,
0.3128


 73.4835, 0.3486,
0.3210

 5.7135, 0.3974,
0.3087

 96.6193, 0.3455,
0.3218

 2.6717, 0.4219,
0.3019

124.1633, 0.3428,
0.3224

 0.9628, 0.4668,
0.2894

156.4999, 0.3406,
0.3229

 0.0000, 1.0000,
0.0000

194.0134, 0.3387,

 0.0000, 0.0000,

0.3233

0.0000

237.0882, 0.3370,
0.3237

■ 26.6809, 0.3632,
0.3175

■ 26.6809, 0.3632,
0.3175

■ 22.0427, 0.3895,
0.3133

■ 32.1954, 0.3417,
0.3218

■ 18.2320, 0.4213,
0.3094

■ 38.6242, 0.3243,
0.3259

■ 15.2012, 0.4584,
0.3064


■ 46.0077, 0.3102,
0.3297

■ 12.8960, 0.4998,
0.3051


■ 54.3825, 0.2989,
0.3332

■ 11.2552, 0.5423,
0.3062


■ 63.7836, 0.2896,
0.3364

 10.2075, 0.5812,
0.3102

 74.2441, 0.2820,
0.3394

 9.6386, 0.6117,
0.3162

 85.7956, 0.2758,
0.3420

 9.5498, 0.6168,
0.3171

 88.2039, 0.2691,
0.3289

Harmonies

Analogous

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



26.6809, 0.3315, 0.2925



26.6809, 0.3632, 0.3175



26.6809, 0.3809, 0.3463

Triad

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



26.6809, 0.3632, 0.3175



26.6809, 0.3265, 0.3894



26.6809, 0.2500, 0.2819

Complementary

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



26.6809, 0.3632, 0.3175



39.3293, 0.2781, 0.3410

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.



26.6809, 0.2490, 0.3055



26.6809, 0.3632, 0.3175



26.6809, 0.2919, 0.3702

Square

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



26.6809, 0.3632, 0.3175



26.6809, 0.3586, 0.3894



26.6809, 0.2639, 0.3382



26.6809, 0.2667, 0.2720

Rectangle

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



26.6809, 0.3632, 0.3175



26.6809, 0.3819, 0.3646



26.6809, 0.2639, 0.3382



26.6809, 0.2479, 0.2884

Sweetspot

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



26.6821, 0.3632, 0.3175



69.9788, 0.3244, 0.3259



27.1630, 0.3070, 0.2585



15.0933, 0.3268, 0.3253



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.



26.6821, 0.3632, 0.3175



42.7412, 0.3797, 0.3147



31.1726, 0.3664, 0.3533



8.5267, 0.3263, 0.3254



6.8401, 0.6145, 0.3159



0.2220, 0.5483, 0.2794

Inverse Universe

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



26.6821, 0.3632, 0.3175



42.7412, 0.3797, 0.3147



33.4092, 0.2700, 0.3033



8.5267, 0.3263, 0.3254



6.8401, 0.6145, 0.3159



0.2220, 0.5483, 0.2794

Previews

White Background



This preview shows how the Yxy color 26.6809, 0.3632, 0.3175 looks on a white background.

Color Contrast Check

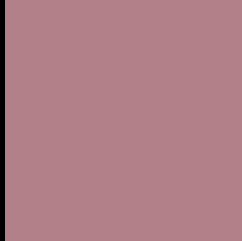
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6809, 0.3632, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

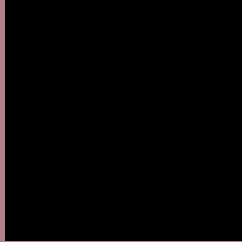
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6809, 0.3632, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 26.6809, 0.3632, 0.3175.



This preview shows how white text looks on a background with the Yxy color 26.6809, 0.3632, 0.3175.

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

26.6809, 0.3632, 0.3175

Protanopia

26.8726, 0.3129, 0.3257

Deuteranopia

26.8817, 0.3396, 0.3338



Tritanopia

26.7383, 0.3608, 0.3146

Trichromacy



Original Color

26.6809, 0.3632, 0.3175

Protanomaly

26.5697, 0.3310, 0.3228

Deuteranomaly

26.7988, 0.3473, 0.3276

Tritanomaly

26.7095, 0.3620, 0.3160

Monochromacy



Original Color

26.6809, 0.3632, 0.3175

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.1680, 0.3296, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6809, 0.3632, 0.3175 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(178, 128, 136)` looks like.

```
.text, #text, p{  
    color:rgb(178, 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(178, 128, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 128, 136) }
```

Border

The CSS property to change the border of an element to Yxy 26.6809, 0.3632, 0.3175 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(178, 128, 136) }
```

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

```
.border{ border-color:rgb(178, 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(178, 128, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 128, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 128, 136);  
box-shadow:4px 4px 4px 4px rgb(178, 128,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6809, 0.3632, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 128, 136) }
```

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

```
.background{ background-color: rgb(178,  
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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