

Converting Colors

Yxy(26.8942, 0.3556, 0.3090)

Have a look what the booklet for
Yxy(26.8942, 0.3556, 0.3090)
contains.

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Color

Yxy(26.8563, 0.3560, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	B2808E
RGB	178, 128, 142
RGB Percent	70%, 50%, 56%
CMY	0.3020, 0.4980, 0.4430
CMYK	0.00, 0.28, 0.20, 0.30
HSL	343°, 25%, 60%
HSV	343°, 28%, 70%
XYZ	30.9613, 26.8563, 29.1523
YIQ	144.5460, 25.3060, 14.9540

Conversions

Conversions Part 2

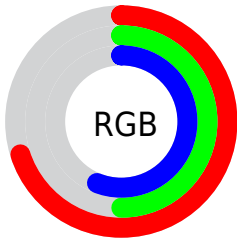
Format	Color
RYB	178, 128, 142
Decimal	11698318
CIELab	58.84, 21.44, 0.13
CIElCh	59, 21.440, 0.353
Yxy	26.8563, 0.3560, 0.3088
Android (android.graphics.Color)	4289888398 (0xFFB2808E)
YUV	144.5460, -1.2552, 29.3392
Hunter-Lab	51.8231, 15.9530, 2.9234

Details

The Yxy color **26.8563, 0.3560, 0.3088** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.1056, 0.2824, 0.3503**, and the grayscale version is **28.1202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5257, 0.3462, 0.3125**, and **10.5066, 0.3711, 0.3007** is the 20% darker color. If you saturate the color by 10%, you get **22.2512, 0.3782, 0.3013**, and if you desaturate by 10%, it is **32.3225, 0.3377, 0.3163**.

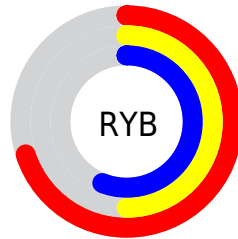
Distribution



Red (70%)

Green (50%)

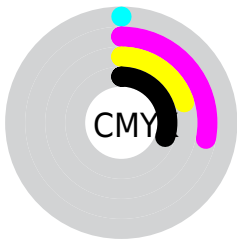
Blue (56%)



Red (70%)

Yellow (50%)

Blue (56%)

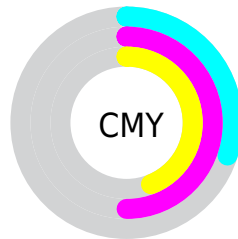


Cyan (0%)

Magenta (28%)

Yellow (20%)

Black (30%)



Cyan (30%)


Magenta (50%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8563, 0.3560, 0.3088 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 26.8563, 0.3560, 0.3088 by changing the saturation by 10% instead.

 26.8563, 0.3560,
0.3088


 26.8563, 0.3560,
0.3088


286.9607, 0.3324,
0.3199


 17.4653, 0.3627,
0.3057


 54.6532, 0.3469,
0.3131

 10.5668, 0.3717,
0.3014


 73.8279, 0.3436,
0.3146

 5.7764, 0.3848,
0.2953

 97.0326, 0.3409,
0.3159

 2.7096, 0.4053,
0.2857

124.6518, 0.3387,
0.3169

 0.9821, 0.4415,
0.2687

157.0698, 0.3367,
0.3178

 0.0000, 1.0000,
0.0000

194.6710, 0.3351,

 0.0000, 0.0000,

0.3186

0.0000

237.8398, 0.3336,
0.3193

■ 26.8563, 0.3560,
0.3088

■ 26.8563, 0.3560,
0.3088

■ 22.2512, 0.3782,
0.3013

■ 32.3225, 0.3377,
0.3163

■ 18.4596, 0.4049,
0.2943

■ 38.6870, 0.3228,
0.3235

■ 15.4345, 0.4360,
0.2885


■ 45.9893, 0.3106,
0.3303

■ 13.1231, 0.4710,
0.2849


■ 54.2654, 0.3006,
0.3365

■ 11.4654, 0.5081,
0.2848


■ 63.5494, 0.2925,
0.3422

 10.3917, 0.5444,
0.2888


 73.8737, 0.2858,
0.3474

 9.7892, 0.5766,
0.2967

 85.2693, 0.2803,
0.3522

 9.6933, 0.5824,
0.2982

 87.5447, 0.2742,
0.3404

 88.2037, 0.2691,
0.3289

Harmonies

Analogous

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



26.8563, 0.3209, 0.2853



26.8563, 0.3560, 0.3088



26.8563, 0.3795, 0.3378

Triad

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



26.8563, 0.3560, 0.3088



26.8563, 0.3374, 0.3933



26.8563, 0.2462, 0.2864

Complementary

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



26.8563, 0.3560, 0.3088



39.1056, 0.2824, 0.3503

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.



26.8563, 0.2501, 0.3142



26.8563, 0.3560, 0.3088



26.8563, 0.3015, 0.3792

Square

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



26.8563, 0.3560, 0.3088



26.8563, 0.3679, 0.3875



26.8563, 0.2699, 0.3490



26.8563, 0.2587, 0.2719

Rectangle

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



26.8563, 0.3560, 0.3088



26.8563, 0.3847, 0.3573



26.8563, 0.2699, 0.3490



26.8563, 0.2457, 0.2944

Sweetspot

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



26.8575, 0.3560, 0.3088



70.0958, 0.3228, 0.3235



26.5282, 0.3008, 0.2572



15.1235, 0.3249, 0.3224



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.



26.8575, 0.3560, 0.3088



43.1029, 0.3700, 0.3039



29.4403, 0.3686, 0.3449



8.5431, 0.3244, 0.3226



6.9461, 0.5795, 0.2966



0.2288, 0.4990, 0.2522

Inverse Universe

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



26.8575, 0.3560, 0.3088



43.1029, 0.3700, 0.3039



35.4997, 0.2709, 0.3124



8.5431, 0.3244, 0.3226



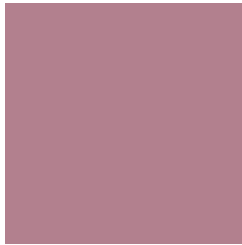
6.9461, 0.5795, 0.2966



0.2288, 0.4990, 0.2522

Previews

White Background



This preview shows how the Yxy color 26.8563, 0.3560, 0.3088 looks on a white background.

Color Contrast Check

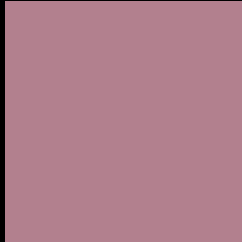
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8563, 0.3560, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

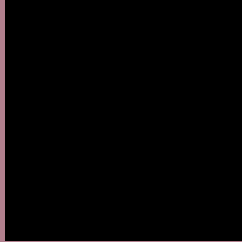
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8563, 0.3560, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 26.8563, 0.3560, 0.3088.



This preview shows how white text looks on a background with the Yxy color 26.8563, 0.3560, 0.3088.

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

26.8563, 0.3560, 0.3088

Protanopia

27.0025, 0.3049, 0.3144

Deuteranopia

26.8527, 0.3308, 0.3243



Tritanopia

27.0005, 0.3605, 0.3160

Trichromacy



Original Color

26.8563, 0.3560, 0.3088

Protanomaly

26.6835, 0.3224, 0.3118

Deuteranomaly

26.8658, 0.3394, 0.3184

Tritanomaly

27.0296, 0.3593, 0.3146

Monochromacy



Original Color

26.8563, 0.3560, 0.3088

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.6470, 0.3274, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8563, 0.3560, 0.3088 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(178, 128, 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(178, 128, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 128, 142) }
```

Border

The CSS property to change the border of an element to Yxy 26.8563, 0.3560, 0.3088 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, 142) }
```

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

```
.border{ border-color:rgb(178, 128, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 128, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 128, 142);  
box-shadow:4px 4px 4px 4px rgb(178, 128,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8563, 0.3560, 0.3088 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, 142) }
```

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

```
.background{ background-color: rgb(178,  
128, 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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