

Converting Colors

$Y_{xy}(26.8037, 0.3344, 0.3183)$

Have a look what the booklet for
Yxy(26.8037, 0.3344, 0.3183)
contains.

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Color

Yxy(26.8580, 0.3347, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	A1878E
RGB	161, 135, 142
RGB Percent	63%, 53%, 56%
CMY	0.3687, 0.4706, 0.4432
CMYK	0.00, 0.16, 0.12, 0.37
HSL	344°, 12%, 58%
HSV	344°, 16%, 63%
XYZ	28.2418, 26.8580, 29.2797
YIQ	143.5720, 13.2490, 7.6890

Conversions

Conversions Part 2

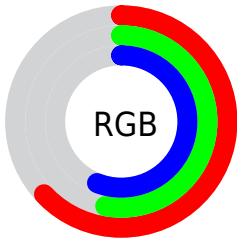
Format	Color
R _Y B	161, 135, 142
Decimal	10585998
CIE Lab	58.84, 11.05, -0.05
CIE LCh	59, 11.050, 359.726
Yxy	26.8580, 0.3347, 0.3183
Android (android.graphics.Color)	4288776078 (0xFFA1878E)
YUV	143.5720, -0.7750, 15.2844
Hunter-Lab	51.8247, 6.5802, 2.7799

Details

The Yxy color $26.8580, 0.3347, 0.3183$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $32.9719, 0.2946, 0.3400$, and the grayscale version is $27.7080, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.5509, 0.3298, 0.3197$, and $10.5209, 0.3423, 0.3135$ is the 20% darker color. If you saturate the color by 10%, you get $22.3657, 0.3524, 0.3112$, and if you desaturate by 10%, it is $32.0694, 0.3202, 0.3251$.

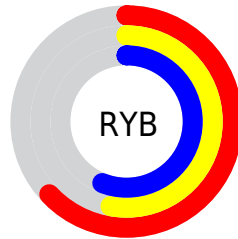
Distribution



Red (63%)

Green (53%)

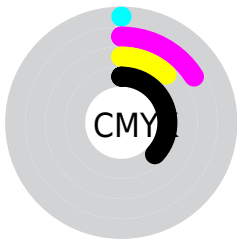
Blue (56%)



Red (63%)

Yellow (53%)

Blue (56%)

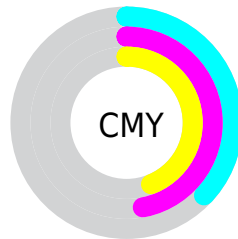


Cyan (0%)

Magenta (16%)

Yellow (12%)

Black (37%)



Cyan (37%)


Magenta (47%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8580, 0.3347, 0.3183 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 26.8580, 0.3347, 0.3183 by changing the saturation by 10% instead.

 26.8580, 0.3347,
0.3183


 26.8580, 0.3347,
0.3183


286.9689, 0.3227,
0.3242


 17.4666, 0.3381,
0.3166


 54.6559, 0.3301,
0.3206

 10.5677, 0.3427,
0.3144


 73.8312, 0.3284,
0.3214

 5.7770, 0.3494,
0.3111

 97.0366, 0.3270,
0.3220

 2.7099, 0.3599,
0.3060

124.6565, 0.3259,
0.3226

 0.9822, 0.3788,
0.2968

157.0753, 0.3249,
0.3231

 0.0000, 1.0000,
0.0000

194.6774, 0.3241,

 0.0000, 0.0000,

0.3235

0.0000

237.8471, 0.3233,
0.3238

■ 26.8580, 0.3347,
0.3183

■ 26.8580, 0.3347,
0.3183

■ 22.3657, 0.3524,
0.3112

■ 32.0694, 0.3202,
0.3251

■ 18.5573, 0.3740,
0.3041

■ 38.0260, 0.3084,
0.3314

■ 15.4002, 0.3999,
0.2972

■ 44.7568, 0.2988,
0.3372

■ 12.8574, 0.4303,
0.2914

■ 52.2882, 0.2909,
0.3425

■ 10.8885, 0.4649,
0.2875

■ 60.6456, 0.2844,
0.3474

■ 9.4480, 0.5021,
0.2866

■ 69.8530, 0.2791,
0.3518

■ 8.4834, 0.5391,
0.2896

■ 79.9336, 0.2746,
0.3559

■ 7.9225, 0.5726,
0.2966

■ 85.1643, 0.2698,
0.3501

■ 7.7521, 0.5846,
0.2994

■ 85.8725, 0.2642,
0.3366

Harmonies

Analogous

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



26.8580, 0.3169, 0.3055



26.8580, 0.3347, 0.3183



26.8580, 0.3467, 0.3340

Triad

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



26.8580, 0.3347, 0.3183



26.8580, 0.3264, 0.3615



26.8580, 0.2775, 0.3076

Complementary

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



26.8580, 0.3347, 0.3183



32.9719, 0.2946, 0.3400

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.



26.8580, 0.2799, 0.3224



26.8580, 0.3347, 0.3183



26.8580, 0.3077, 0.3543

Square

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



26.8580, 0.3347, 0.3183



26.8580, 0.3417, 0.3593



26.8580, 0.2908, 0.3397



26.8580, 0.2842, 0.2991

Rectangle

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



26.8580, 0.3347, 0.3183



26.8580, 0.3495, 0.3443



26.8580, 0.2908, 0.3397



26.8580, 0.2773, 0.3120

Sweetspot

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



26.8592, 0.3347, 0.3183



58.4919, 0.3189, 0.3257



26.7372, 0.3066, 0.2891



12.6827, 0.3197, 0.3253



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.8592, 0.3347, 0.3183



45.3808, 0.3400, 0.3161



28.2690, 0.3410, 0.3378



7.1157, 0.3245, 0.3230



6.1982, 0.5825, 0.2982



0.1377, 0.4870, 0.2457

Inverse Universe

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



26.8592, 0.3347, 0.3183



45.3808, 0.3400, 0.3161



31.2878, 0.2885, 0.3200



7.1157, 0.3245, 0.3230



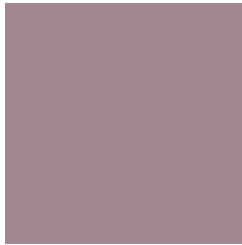
6.1982, 0.5825, 0.2982



0.1377, 0.4870, 0.2457

Previews

White Background



This preview shows how the Yxy color 26.8580, 0.3347, 0.3183 looks on a white background.

Color Contrast Check

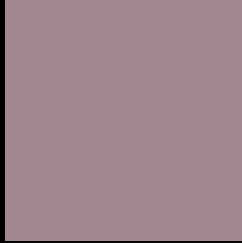
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8580, 0.3347, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

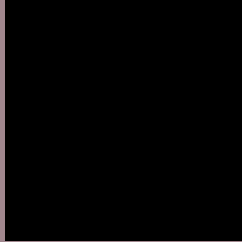
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8580, 0.3347, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 26.8580, 0.3347, 0.3183.



This preview shows how white text looks on a background with the Yxy color 26.8580, 0.3347, 0.3183.

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

26.8580, 0.3347, 0.3183

Protanopia

26.9337, 0.3109, 0.3225

Deuteranopia

26.8129, 0.3276, 0.3212



Tritanopia

26.9493, 0.3314, 0.3137

Trichromacy



Original Color

26.8580, 0.3347, 0.3183

Protanomaly

26.9629, 0.3196, 0.3211

Deuteranomaly

26.7294, 0.3300, 0.3197

Tritanomaly

26.9186, 0.3325, 0.3152

Monochromacy



Original Color

26.8580, 0.3347, 0.3183

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.5170, 0.3204, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8580, 0.3347, 0.3183 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(161, 135, 142)` looks like.

```
.text, #text, p{  
    color:rgb(161, 135, 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(161, 135, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 135, 142) }
```

Border

The CSS property to change the border of an element to Yxy 26.8580, 0.3347, 0.3183 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(161, 135, 142) }
```

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

```
.border{ border-color:rgb(161, 135, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 135, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 135, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 135, 142);  
box-shadow:4px 4px 4px 4px rgb(161, 135,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8580, 0.3347, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 135, 142) }
```

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

```
.background{ background-color: rgb(161,  
135, 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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