

Converting Colors

$Y_{xy}(25.8580, 0.3426, 0.3138)$

Have a look what the booklet for
Yxy(25.8580, 0.3426, 0.3138)
contains.

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Color

Yxy(25.8580, 0.3426, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	A5828C
RGB	165, 130, 140
RGB Percent	65%, 51%, 55%
CMY	0.3530, 0.4902, 0.4510
CMYK	0.00, 0.21, 0.15, 0.35
HSL	343°, 16%, 58%
HSV	343°, 21%, 65%
XYZ	28.2312, 25.8580, 28.3136
YIQ	141.6050, 17.6500, 10.5300

Conversions

Conversions Part 2

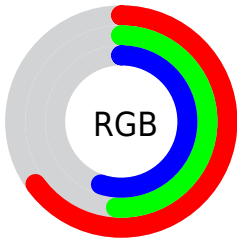
Format	Color
R _Y B	165, 130, 140
Decimal	10846860
CIE Lab	57.90, 15.06, -0.24
CIE LCh	58, 15.065, 359.091
Yxy	25.8580, 0.3426, 0.3138
Android (android.graphics.Color)	4289036940 (0xFFA5828C)
YUV	141.6050, -0.7913, 20.5174
Hunter-Lab	50.8508, 10.1104, 2.5830

Details

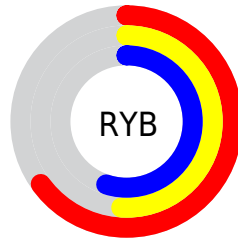
The Yxy color $25.8580, 0.3426, 0.3138$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $34.0188, 0.2896, 0.3448$, and the grayscale version is $26.8843, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.9329, 0.3363, 0.3175$, and $9.9862, 0.3546, 0.3072$ is the 20% darker color. If you saturate the color by 10%, you get $21.4866, 0.3617, 0.3062$, and if you desaturate by 10%, it is $30.9727, 0.3269, 0.3212$.

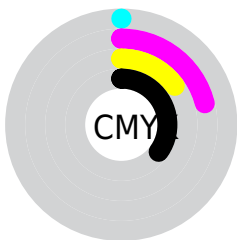
Distribution



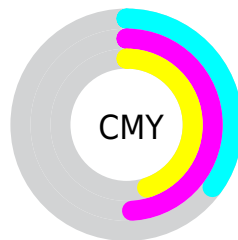
- Red (65%)
- Green (51%)
- Blue (55%)



- Red (65%)
- Yellow (51%)
- Blue (55%)



- Cyan (0%)
- Magenta (21%)
- Yellow (15%)
- Black (35%)




- Cyan (35%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8580, 0.3426, 0.3138 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 25.8580, 0.3426, 0.3138 by changing the saturation by 10% instead.


 25.8580, 0.3426,
0.3138


 25.8580, 0.3426,
0.3138


282.0843, 0.3262,
0.3221


 16.7174, 0.3473,
0.3114


 53.0458, 0.3362,
0.3170

 10.0332, 0.3537,
0.3082


 71.8618, 0.3340,
0.3182

 5.4210, 0.3630,
0.3035

 94.6717, 0.3321,
0.3191

 2.4963, 0.3777,
0.2960

121.8600, 0.3305,
0.3199

 0.8748, 0.4044,
0.2825

153.8110, 0.3292,
0.3206

 0.0000, 1.0000,
0.0000

190.9091, 0.3281,

 0.0000, 0.0000,

0.3212

0.0000

233.5388, 0.3271,
0.3217

■ 25.8580, 0.3426,
0.3138

■ 25.8580, 0.3426,
0.3138

■ 21.4866, 0.3617,
0.3062

■ 30.9727, 0.3269,
0.3212

■ 17.8205, 0.3849,
0.2986

■ 36.8597, 0.3141,
0.3282

■ 14.8233, 0.4124,
0.2918

■ 43.5505, 0.3036,
0.3347

■ 12.4541, 0.4443,
0.2864

■ 51.0739, 0.2951,
0.3406

■ 10.6676, 0.4796,
0.2836

■ 59.4572, 0.2880,
0.3461

■ 9.4120, 0.5164,
0.2844

■ 68.7267, 0.2822,
0.3510

■ 8.6266, 0.5515,
0.2896

■ 78.9071, 0.2774,
0.3556

■ 8.2042, 0.5792,
0.2964

■ 85.4753, 0.2726,
0.3522

■ 86.1766, 0.2670,
0.3387

Harmonies

Analogous

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



25.8580, 0.3177, 0.2967



25.8580, 0.3426, 0.3138



25.8580, 0.3596, 0.3350

Triad

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



25.8580, 0.3426, 0.3138



25.8580, 0.3318, 0.3743



25.8580, 0.2645, 0.2996

Complementary

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



25.8580, 0.3426, 0.3138



34.0188, 0.2896, 0.3448

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.



25.8580, 0.2680, 0.3200



25.8580, 0.3426, 0.3138



25.8580, 0.3062, 0.3647

Square

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



25.8580, 0.3426, 0.3138



25.8580, 0.3529, 0.3705



25.8580, 0.2830, 0.3443



25.8580, 0.2732, 0.2881

Rectangle

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



25.8580, 0.3426, 0.3138



25.8580, 0.3637, 0.3492



25.8580, 0.2830, 0.3443



25.8580, 0.2643, 0.3056

Sweetspot

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



25.8592, 0.3426, 0.3138



60.6707, 0.3201, 0.3248



25.6025, 0.3037, 0.2758



13.1246, 0.3208, 0.3244



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



25.8592, 0.3426, 0.3138



42.8262, 0.3503, 0.3106



27.5027, 0.3521, 0.3399



7.1177, 0.3242, 0.3226



6.2153, 0.5766, 0.2950



0.1383, 0.4804, 0.2420

Inverse Universe

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



25.8592, 0.3426, 0.3138



42.8262, 0.3503, 0.3106



31.9137, 0.2811, 0.3179



7.1177, 0.3242, 0.3226



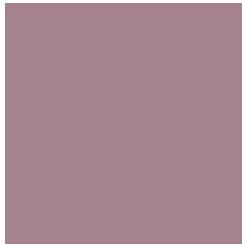
6.2153, 0.5766, 0.2950



0.1383, 0.4804, 0.2420

Previews

White Background



This preview shows how the Yxy color 25.8580, 0.3426, 0.3138 looks on a white background.

Color Contrast Check

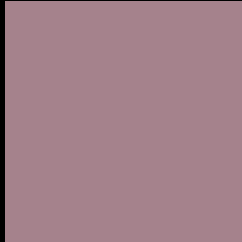
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8580, 0.3426, 0.3138 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 25.8580, 0.3426, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 25.8580, 0.3426, 0.3138.



This preview shows how white text looks on a background with the Yxy color 25.8580, 0.3426, 0.3138.

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

25.8580, 0.3426, 0.3138

Protanopia

26.0850, 0.3078, 0.3191

Deuteranopia

25.9643, 0.3288, 0.3227



Tritanopia

25.8580, 0.3426, 0.3138

Trichromacy



Original Color

25.8580, 0.3426, 0.3138

Protanomaly

25.9811, 0.3199, 0.3178

Deuteranomaly

25.8072, 0.3338, 0.3196

Tritanomaly

25.8580, 0.3426, 0.3138

Monochromacy



Original Color

25.8580, 0.3426, 0.3138

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.5841, 0.3229, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8580, 0.3426, 0.3138 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(165, 130, 140)` looks like.

```
.text, #text, p{  
    color:rgb(165, 130, 140)  
}
```

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(165, 130, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 130, 140) }
```

Border

The CSS property to change the border of an element to Yxy 25.8580, 0.3426, 0.3138 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(165, 130, 140) }
```

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

```
.border{ border-color:rgb(165, 130, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 130, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 130, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 130, 140);  
box-shadow:4px 4px 4px 4px rgb(165, 130,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8580, 0.3426, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 130, 140) }
```

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

```
.background{ background-color: rgb(165,  
130, 140) }
```

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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