

Converting Colors

$Yxy(25.2021, 0.3474, 0.3142)$

Have a look what the booklet for
Yxy(25.2021, 0.3474, 0.3142)
contains.

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Color

Yxy(25.0919, 0.3480, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	A67F89
RGB	166, 127, 137
RGB Percent	65%, 50%, 54%
CMY	0.3491, 0.5019, 0.4627
CMYK	0.00, 0.23, 0.17, 0.35
HSL	345°, 18%, 57%
HSV	345°, 23%, 65%
XYZ	27.8266, 25.0919, 27.0430
YIQ	139.8010, 20.0340, 11.3780

Conversions

Conversions Part 2

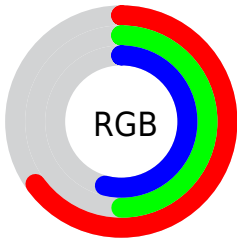
Format	Color
R_{YB}	166, 127, 137
Decimal	10911625
CIE _{Lab}	57.16, 16.64, 0.43
CIE _{LCh}	57, 16.644, 1.477
Yxy	25.0919, 0.3480, 0.3138
Android (android.graphics.Color)	4289101705 (0xFFA67F89)
YUV	139.8010, -1.3809, 22.9765
Hunter-Lab	50.0918, 11.4981, 3.0555

Details

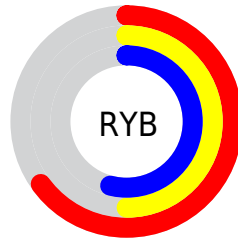
The Yxy color **25.0919, 0.3480, 0.3138** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.1765, 0.2864, 0.3448**, and the grayscale version is **26.1439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8898, 0.3411, 0.3175**, and **9.6476, 0.3609, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **20.8183, 0.3689, 0.3069**, and if you desaturate by 10%, it is **30.1145, 0.3309, 0.3205**.

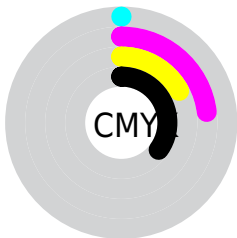
Distribution



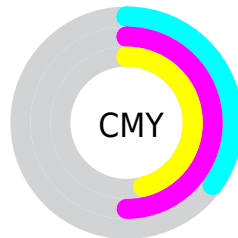
- Red (65%)
- Green (50%)
- Blue (54%)



- Red (65%)
- Yellow (50%)
- Blue (54%)



- Cyan (0%)
- Magenta (23%)
- Yellow (17%)
- Black (35%)





- Cyan (35%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0919, 0.3480, 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 25.0919, 0.3480, 0.3138 by changing the saturation by 10% instead.


 25.0919, 0.3480,
0.3138


 25.0919, 0.3480,
0.3138


278.2953, 0.3285,
0.3222

 16.1455, 0.3536,
0.3114


 51.8063, 0.3404,
0.3171

 9.6272, 0.3613,
0.3080


 70.3431, 0.3377,
0.3183

 5.1525, 0.3725,
0.3031


 92.8455, 0.3355,
0.3192

 2.3370, 0.3905,
0.2952

119.6979, 0.3337,
0.3200

 0.7932, 0.4249,
0.2804

151.2847, 0.3321,
0.3207

 0.0000, 1.0000,
0.0000


187.9902, 0.3307,


 0.0000, 0.0000,


0.3213


0.0000

230.1990, 0.3296,
0.3218


 25.0919, 0.3480,
0.3138

 25.0919, 0.3480,
0.3138


 20.8183, 0.3689,
0.3069


 30.1145, 0.3309,
0.3205


 17.2545, 0.3942,
0.3003


 35.9163, 0.3169,
0.3269

 14.3627, 0.4241,
0.2944

 42.5298, 0.3056,
0.3328

 12.1002, 0.4585,
0.2902

 49.9847, 0.2963,
0.3383

 10.4195, 0.4960,
0.2887

 58.3092, 0.2887,
0.3432

■ 9.2662, 0.5340,
0.2908

■ 67.5303, 0.2824,
0.3478

■ 8.5752, 0.5689,
0.2970

■ 77.6735, 0.2773,
0.3519

■ 8.2753, 0.5891,
0.3019

■ 85.6660, 0.2724,
0.3505

■ 86.4075, 0.2665,
0.3365

Harmonies

Analogous

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



25.0919, 0.3206, 0.2944



25.0919, 0.3480, 0.3138



25.0919, 0.3660, 0.3374

Triad

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



25.0919, 0.3480, 0.3138



25.0919, 0.3317, 0.3795



25.0919, 0.2594, 0.2947

Complementary

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



25.0919, 0.3480, 0.3138



34.1765, 0.2864, 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.



25.0919, 0.2622, 0.3167



25.0919, 0.3480, 0.3138



25.0919, 0.3030, 0.3676

Square

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



25.0919, 0.3480, 0.3138



25.0919, 0.3560, 0.3761



25.0919, 0.2778, 0.3439



25.0919, 0.2701, 0.2830

Rectangle

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



25.0919, 0.3480, 0.3138



25.0919, 0.3697, 0.3530



25.0919, 0.2778, 0.3439



25.0919, 0.2588, 0.3010

Sweetspot

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



25.0930, 0.3480, 0.3138



61.1868, 0.3217, 0.3246



24.9615, 0.3039, 0.2700



13.5581, 0.3225, 0.3243



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



25.0930, 0.3480, 0.3138



41.4742, 0.3580, 0.3103



27.2751, 0.3569, 0.3431



7.5727, 0.3247, 0.3232



6.4259, 0.5868, 0.3006



0.1644, 0.4971, 0.2512

Inverse Universe

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



25.0930, 0.3480, 0.3138



41.4742, 0.3580, 0.3103



31.3403, 0.2776, 0.3144



7.5727, 0.3247, 0.3232



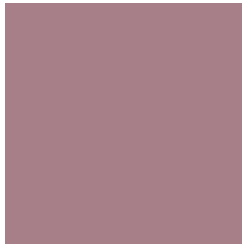
6.4259, 0.5868, 0.3006



0.1644, 0.4971, 0.2512

Previews

White Background



This preview shows how the Yxy color 25.0919, 0.3480, 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 25.0919, 0.3480, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

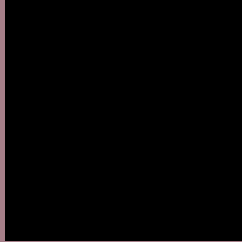
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0919, 0.3480, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 25.0919, 0.3480, 0.3138.



This preview shows how white text looks on a background with the Yxy color 25.0919, 0.3480, 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

25.0919, 0.3480, 0.3138

Protanopia

25.2778, 0.3077, 0.3190

Deuteranopia

25.1319, 0.3302, 0.3242



Tritanopia

25.0919, 0.3480, 0.3138

Trichromacy



Original Color

25.0919, 0.3480, 0.3138

Protanomaly

24.9940, 0.3213, 0.3160

Deuteranomaly

25.0781, 0.3364, 0.3211

Tritanomaly

25.0919, 0.3480, 0.3138

Monochromacy



Original Color

25.0919, 0.3480, 0.3138

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.5816, 0.3243, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0919, 0.3480, 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(166, 127, 137)` looks like.

```
.text, #text, p{  
    color:rgb(166, 127, 137)  
}
```

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(166, 127, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 127, 137) }
```

Border

The CSS property to change the border of an element to Yxy 25.0919, 0.3480, 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(166, 127, 137) }
```

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

```
.border{ border-color:rgb(166, 127, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 127, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 127, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 127, 137);  
box-shadow:4px 4px 4px 4px rgb(166, 127,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0919, 0.3480, 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(166, 127, 137) }
```

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

```
.background{ background-color: rgb(166,  
127, 137) }
```

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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