

Converting Colors

$Y_{xy}(25.3954, 0.3273, 0.4182)$

Have a look what the booklet for
Yxy(25.3954, 0.3273, 0.4182)
contains.

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Color

$\text{Yxy}(25.5312, 0.3278, 0.4190)$

Conversions

Conversions Part 1

Format	Color
Hex	759362
RGB	117, 147, 98
RGB Percent	46%, 58%, 38%
CMY	0.5412, 0.4235, 0.6157
CMYK	0.20, 0.00, 0.33, 0.42
HSL	97°, 20%, 48%
HSV	97°, 33%, 58%
XYZ	19.9741, 25.5312, 15.4284
YIQ	132.4440, -2.1510, -21.5990

Conversions

Conversions Part 2

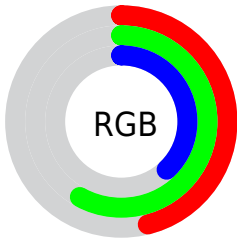
Format	Color
R _Y B	98, 147, 128
Decimal	7705442
CIE Lab	57.59, -19.93, 22.61
CIE LCh	58, 30.140, 131.393
Yxy	25.5312, 0.3278, 0.4190
Android (android.graphics.Color)	4285895522 (0xFF759362)
YUV	132.4440, -16.9809, -13.5444
Hunter-Lab	50.5284, -17.8631, 17.2662

Details

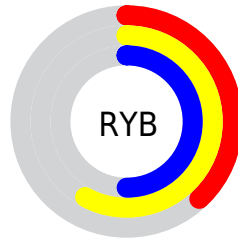
The Yxy color $25.5312, 0.3278, 0.4190$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $15.4297, 0.2916, 0.2427$, and the grayscale version is $23.3066, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.4893, 0.3257, 0.3986$, and $9.8337, 0.3309, 0.4542$ is the 20% darker color. If you saturate the color by 10%, you get $24.6859, 0.3312, 0.4494$, and if you desaturate by 10%, it is $26.4896, 0.3237, 0.3897$.

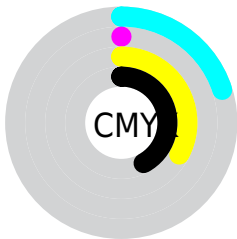
Distribution



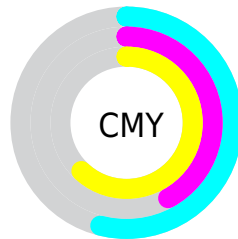
- Red (46%)
- Green (58%)
- Blue (38%)



- Red (38%)
- Yellow (58%)
- Blue (50%)



- Cyan (20%)
- Magenta (0%)
- Yellow (33%)
- Black (42%)





- Cyan (54%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5312, 0.3278, 0.4190 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 25.5312, 0.3278, 0.4190 by changing the saturation by 10% instead.


 25.5312, 0.3278,
0.4190


 25.5312, 0.3278,
0.4190


280.4731, 0.3207,
0.3677


 16.4733, 0.3292,
0.4343


 52.5177, 0.3254,
0.3986


 9.8597, 0.3304,
0.4557


 71.2150, 0.3245,
0.3915

 5.3060, 0.3310,
0.4876

 93.8943, 0.3236,
0.3857

 2.4279, 0.3328,
0.5459

 120.9398, 0.3229,
0.3809

 0.8402, 0.2708,
0.7292

152.7361, 0.3222,
0.3768

 0.0000, 0.0000,
0.0000

189.6675, 0.3217,

0.3733

232.1184, 0.3212,
0.3703

■ 25.5312, 0.3278,
0.4190

■ 25.5312, 0.3278,
0.4190

■ 24.6859, 0.3312,
0.4494

■ 26.4896, 0.3237,
0.3897

■ 23.9460, 0.3335,
0.4799

■ 27.5621, 0.3191,
0.3622

■ 23.3078, 0.3344,
0.5090


■ 28.7537, 0.3143,
0.3369

■ 22.7659, 0.3337,
0.5351


■ 30.0681, 0.3095,
0.3140

■ 22.3145, 0.3312,
0.5566


■ 31.5090, 0.3048,
0.2935


 21.9470, 0.3270,
0.5724

 33.0798, 0.3003,
0.2751

 21.7388, 0.3240,
0.5810

 34.7837, 0.2961,
0.2588

 36.6240, 0.2921,
0.2444

 38.6037, 0.2883,
0.2316

Harmonies

Analogous

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



25.5312, 0.3758, 0.4185



25.5312, 0.3278, 0.4190



25.5312, 0.2780, 0.3882

Triad

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



25.5312, 0.3278, 0.4190



25.5312, 0.2240, 0.2585



25.5312, 0.3899, 0.3141

Complementary

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



25.5312, 0.3278, 0.4190



15.4297, 0.2916, 0.2427

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.



25.5312, 0.3432, 0.2788



25.5312, 0.3278, 0.4190



25.5312, 0.2484, 0.2472

Square

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



25.5312, 0.3278, 0.4190



25.5312, 0.2208, 0.2900



25.5312, 0.2910, 0.2550



25.5312, 0.4143, 0.3545

Rectangle

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



25.5312, 0.3278, 0.4190



25.5312, 0.2505, 0.3556



25.5312, 0.2910, 0.2550



25.5312, 0.3761, 0.3014

Sweetspot

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



25.5323, 0.3278, 0.4190



50.0025, 0.3176, 0.3540



22.3673, 0.3711, 0.3793



11.3538, 0.3182, 0.3573



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.5323, 0.3278, 0.4190



44.5697, 0.3304, 0.4417



24.4421, 0.3040, 0.4147



6.5715, 0.3171, 0.3515



18.8588, 0.3244, 0.5807



0.2469, 0.3589, 0.5532

Inverse Universe

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



15.4297, 0.2916, 0.2427



23.6149, 0.2854, 0.2220



16.8935, 0.3228, 0.2561



5.7980, 0.3079, 0.3068



3.7249, 0.2279, 0.1029



0.0626, 0.2710, 0.1267

Previews

White Background



This preview shows how the Yxy color 25.5312, 0.3278, 0.4190 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 25.5312, 0.3278, 0.4190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

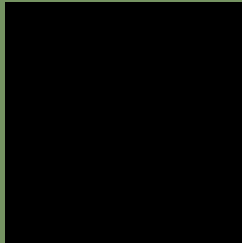
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5312, 0.3278, 0.4190

Background



This preview shows how black text looks on a background with the Yxy color 25.5312, 0.3278, 0.4190.



This preview shows how white text looks on a background with the Yxy color 25.5312, 0.3278, 0.4190.

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

25.5312, 0.3278, 0.4190

Protanopia

25.3747, 0.3723, 0.4020

Deuteranopia

25.2286, 0.3850, 0.3779



Tritanopia

25.3505, 0.2866, 0.3103

Trichromacy



Original Color

25.5312, 0.3278, 0.4190

Protanomaly

25.1943, 0.3554, 0.4088

Deuteranomaly

24.9224, 0.3628, 0.3914

Tritanomaly

25.4484, 0.3014, 0.3484

Monochromacy



Original Color

25.5312, 0.3278, 0.4190

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.7594, 0.3191, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5312, 0.3278, 0.4190 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(117, 147, 98)` looks like.

```
.text, #text, p{  
    color:rgb(117, 147, 98)  
}
```

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(117, 147, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 147, 98) }
```

Border

The CSS property to change the border of an element to Yxy 25.5312, 0.3278, 0.4190 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(117, 147, 98) }
```

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

```
.border{ border-color:rgb(117, 147, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 147, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 147, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 147, 98);  
box-shadow:4px 4px 4px 4px rgb(117, 147,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5312, 0.3278, 0.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 147, 98) }
```

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

```
.background{ background-color: rgb(117,  
147, 98) }
```

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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