

Converting Colors

$Yxy(25.7407, 0.3546, 0.4373)$

Have a look what the booklet for
Yxy(25.7407, 0.3546, 0.4373)
contains.

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Color

$Yxy(25.8650, 0.3543, 0.4378)$

Conversions

Conversions Part 1

Format	Color
Hex	819254
RGB	129, 146, 84
RGB Percent	51%, 57%, 33%
CMY	0.4942, 0.4274, 0.6705
CMYK	0.12, 0.00, 0.42, 0.43
HSL	76°, 27%, 45%
HSV	76°, 42%, 57%
XYZ	20.9319, 25.8650, 12.2826
YIQ	133.8490, 9.7700, -22.8860

Conversions

Conversions Part 2

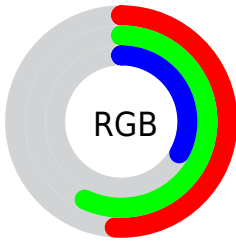
Format	Color
RYB	84, 146, 101
Decimal	8491604
CIELab	57.91, -16.63, 30.79
CIELCh	58, 34.995, 118.369
Yxy	25.8650, 0.3543, 0.4378
Android (android.graphics.Color)	4286681684 (0xFF819254)
YUV	133.8490, -24.5756, -4.2526
Hunter-Lab	50.8576, -15.5343, 21.2812

Details

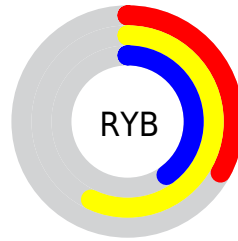
The Yxy color $25.8650, 0.3543, 0.4378$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $11.1904, 0.2564, 0.2089$, and the grayscale version is $23.8718, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.1251, 0.3467, 0.4134$, and $9.9377, 0.3643, 0.4783$ is the 20% darker color. If you saturate the color by 10%, you get $25.3528, 0.3622, 0.4633$, and if you desaturate by 10%, it is $26.4395, 0.3452, 0.4114$.

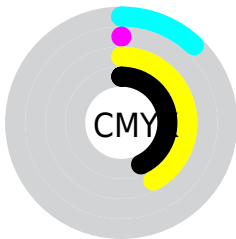
Distribution



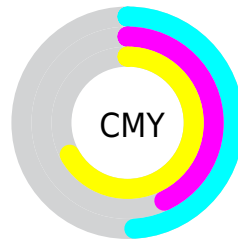
- Red (51%)
- Green (57%)
- Blue (33%)



- Red (33%)
- Yellow (57%)
- Blue (40%)



- Cyan (12%)
- Magenta (0%)
- Yellow (42%)
- Black (43%)



- Cyan (49%)
- Magenta (43%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8650, 0.3543, 0.4378 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 25.8650, 0.3543, 0.4378 by changing the saturation by 10% instead.


 25.8650, 0.3543,
0.4378

 25.8650, 0.3543,
0.4378

282.1187, 0.3333,
0.3766


 16.7227, 0.3591,
0.4554


 53.0571, 0.3468,
0.4138

 10.0370, 0.3646,
0.4793


 71.8756, 0.3440,
0.4054

 5.4235, 0.3702,
0.5132

 94.6884, 0.3415,
0.3984

 2.4978, 0.3976,
0.6010

 121.8797, 0.3394,
0.3926

 0.8755, 0.3274,
0.6726

 153.8340, 0.3376,
0.3877

 0.0000, 0.0000,
0.0000

190.9357, 0.3359,

0.3835

233.5691, 0.3345,
0.3798

■ 25.8650, 0.3543,
0.4378

■ 25.8650, 0.3543,
0.4378

■ 25.3528, 0.3622,
0.4633

■ 26.4395, 0.3452,
0.4114

■ 24.8963, 0.3685,
0.4868

■ 27.0758, 0.3354,
0.3849

■ 24.4933, 0.3726,
0.5071

■ 27.7776, 0.3253,
0.3592

■ 24.1398, 0.3744,
0.5235

■ 28.5474, 0.3152,
0.3348

■ 23.8312, 0.3738,
0.5354

■ 29.3876, 0.3053,
0.3119

■ 23.6183, 0.3724,
0.5425

■ 30.3004, 0.2959,
0.2908

■ 31.2879, 0.2870,
0.2715

■ 32.3521, 0.2788,
0.2540

■ 33.4950, 0.2711,
0.2381

Harmonies

Analogous

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



25.8650, 0.4039, 0.4210



25.8650, 0.3543, 0.4378



25.8650, 0.2961, 0.4183

Triad

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



25.8650, 0.3543, 0.4378



25.8650, 0.2071, 0.2604



25.8650, 0.3806, 0.2929

Complementary

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



25.8650, 0.3543, 0.4378



11.1904, 0.2564, 0.2089

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.



25.8650, 0.3209, 0.2582



25.8650, 0.3543, 0.4378



25.8650, 0.2244, 0.2383

Square

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



25.8650, 0.3543, 0.4378



25.8650, 0.2140, 0.3055



25.8650, 0.2642, 0.2386



25.8650, 0.4222, 0.3368

Rectangle

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



25.8650, 0.3543, 0.4378



25.8650, 0.2605, 0.3856



25.8650, 0.2642, 0.2386



25.8650, 0.3616, 0.2800

Sweetspot

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



25.8662, 0.3543, 0.4378



48.8934, 0.3261, 0.3613



15.9736, 0.4054, 0.3584



10.8200, 0.3281, 0.3664



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.8662, 0.3543, 0.4378



44.7572, 0.3619, 0.4623



23.8241, 0.3209, 0.4504



6.6654, 0.3220, 0.3511



20.7940, 0.3727, 0.5423



0.2692, 0.3958, 0.5239

Inverse Universe

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



11.1904, 0.2564, 0.2089



15.3100, 0.2403, 0.1785



13.2898, 0.2972, 0.2218



5.7054, 0.3029, 0.3064



2.2348, 0.1692, 0.0706



0.0404, 0.2128, 0.0946

Previews

White Background



This preview shows how the Yxy color 25.8650, 0.3543, 0.4378 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 25.8650, 0.3543, 0.4378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

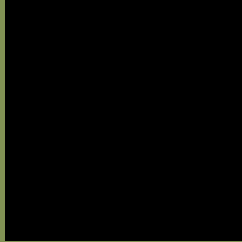
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

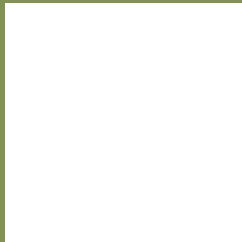
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.8650, 0.3543, 0.4378

Background



This preview shows how black text looks on a background with the Yxy color 25.8650, 0.3543, 0.4378.



This preview shows how white text looks on a background with the Yxy color 25.8650, 0.3543, 0.4378.

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

25.8650, 0.3543, 0.4378

Protanopia

25.7347, 0.3886, 0.4225

Deuteranopia

25.7880, 0.4061, 0.3989



Tritanopia

25.6652, 0.3007, 0.3108

Trichromacy



Original Color

25.8650, 0.3543, 0.4378

Protanomaly

25.8845, 0.3760, 0.4288

Deuteranomaly

25.7189, 0.3867, 0.4127

Tritanomaly

25.5988, 0.3212, 0.3566

Monochromacy



Original Color

25.8650, 0.3543, 0.4378

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.3434, 0.3288, 0.3679

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8650, 0.3543, 0.4378 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(129, 146, 84)` looks like.

```
.text, #text, p{  
    color:rgb(129, 146, 84)  
}
```

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(129, 146, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 146, 84) }
```

Border

The CSS property to change the border of an element to Yxy 25.8650, 0.3543, 0.4378 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(129, 146, 84) }
```

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

```
.border{ border-color:rgb(129, 146, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 146, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 146, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 146, 84);  
box-shadow:4px 4px 4px 4px rgb(129, 146,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8650, 0.3543, 0.4378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 146, 84) }
```

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

```
.background{ background-color: rgb(129,  
146, 84) }
```

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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