

Converting Colors

$Y_{xy}(25.0036, 0.2849, 0.3804)$

Have a look what the booklet for
Yxy(25.0036, 0.2849, 0.3804)
contains.

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Color

$\text{Yxy}(24.9400, 0.2848, 0.3807)$

Conversions

Conversions Part 1

Format	Color
Hex	5E9479
RGB	94, 148, 121
RGB Percent	37%, 58%, 47%
CMY	0.6313, 0.4196, 0.5256
CMYK	0.36, 0.00, 0.18, 0.42
HSL	150°, 22%, 47%
HSV	150°, 36%, 58%
XYZ	18.6575, 24.9400, 21.9134
YIQ	128.7760, -23.5170, -19.8450

Conversions

Conversions Part 2

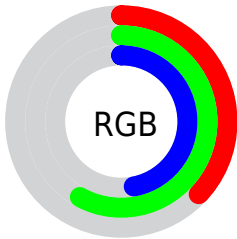
Format	Color
R_{YB}	94, 130, 148
Decimal	6198393
CIE _{Lab}	57.02, -24.14, 8.69
CIE _{LCh}	57, 25.657, 160.211
Yxy	24.9400, 0.2848, 0.3807
Android (android.graphics.Color)	4284388473 (0xFF5E9479)
YUV	128.7760, -3.8336, -30.4986
Hunter-Lab	49.9400, -20.7076, 8.9418

Details

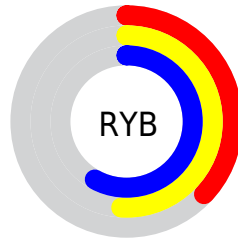
The Yxy color $24.9400, 0.2848, 0.3807$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $15.6861, 0.3548, 0.2829$, and the grayscale version is $21.8917, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.3692, 0.2911, 0.3690$, and $9.5527, 0.2739, 0.4036$ is the 20% darker color. If you saturate the color by 10%, you get $24.0572, 0.2787, 0.3980$, and if you desaturate by 10%, it is $25.9888, 0.2918, 0.3647$.

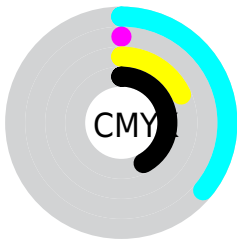
Distribution



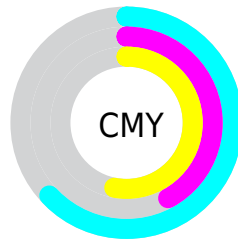
- Red (37%)
- Green (58%)
- Blue (47%)



- Red (37%)
- Yellow (51%)
- Blue (58%)



- Cyan (36%)
- Magenta (0%)
- Yellow (18%)
- Black (42%)




- Cyan (63%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9400, 0.2848, 0.3807 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 24.9400, 0.2848, 0.3807 by changing the saturation by 10% instead.


 24.9400, 0.2848,
0.3807


 24.9400, 0.2848,
0.3807


277.5390, 0.3006,
0.3513

 16.0324, 0.2801,
0.3896


 51.5599, 0.2911,
0.3690

 9.5471, 0.2734,
0.4021


 70.0409, 0.2933,
0.3649

 5.0997, 0.2634,
0.4211

 92.4818, 0.2951,
0.3616

 2.3059, 0.2466,
0.4532

 119.2671, 0.2966,
0.3588

 0.7768, 0.1280,
0.6672

150.7810, 0.2978,
0.3565

 0.0000, 0.0000,
0.0000

187.4080, 0.2989,

0.3545

229.5326, 0.2998,
0.3528

■ 24.9400, 0.2848,
0.3807

■ 24.9400, 0.2848,
0.3807

■ 24.0572, 0.2787,
0.3980

■ 25.9888, 0.2918,
0.3647

■ 23.3285, 0.2737,
0.4162

■ 27.2089, 0.2995,
0.3501

■ 22.7450, 0.2703,
0.4352

■ 28.6088, 0.3075,
0.3368

■ 22.2959, 0.2687,
0.4544


■ 30.1958, 0.3156,
0.3250


■ 21.9685, 0.2689,
0.4734


■ 31.9766, 0.3237,
0.3145

 21.7433, 0.2709,
0.4917

 33.9577, 0.3317,
0.3052

 21.6737, 0.2717,
0.4980

 36.1453, 0.3394,
0.2970

 38.5451, 0.3468,
0.2898

 41.1628, 0.3539,
0.2836

Harmonies

Analogous

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



24.9400, 0.3280, 0.4059



24.9400, 0.2848, 0.3807



24.9400, 0.2506, 0.3389

Triad

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



24.9400, 0.2848, 0.3807



24.9400, 0.2560, 0.2580



24.9400, 0.3994, 0.3506

Complementary

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



24.9400, 0.2848, 0.3807



15.6861, 0.3548, 0.2829

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.



24.9400, 0.3776, 0.3151



24.9400, 0.2848, 0.3807



24.9400, 0.2926, 0.2639

Square

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



24.9400, 0.2848, 0.3807



24.9400, 0.2351, 0.2690



24.9400, 0.3374, 0.2844



24.9400, 0.3957, 0.3837

Rectangle

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



24.9400, 0.2848, 0.3807



24.9400, 0.2369, 0.3103



24.9400, 0.3374, 0.2844



24.9400, 0.3948, 0.3387

Sweetspot

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



24.9410, 0.2848, 0.3807



49.2652, 0.3036, 0.3429



26.1198, 0.3365, 0.4261



11.1781, 0.3027, 0.3445



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.



24.9410, 0.2848, 0.3807



42.6769, 0.2796, 0.3951



25.6708, 0.2637, 0.3305



6.5139, 0.3053, 0.3403



18.5179, 0.2714, 0.4969



0.2326, 0.2497, 0.4190

Inverse Universe

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



15.6861, 0.3548, 0.2829



23.8220, 0.3687, 0.2722



15.1294, 0.3959, 0.3277



5.8609, 0.3209, 0.3180



5.8064, 0.4907, 0.2477



0.0770, 0.4033, 0.1995

Previews

White Background



This preview shows how the Yxy color 24.9400, 0.2848, 0.3807 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 24.9400, 0.2848, 0.3807 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 24.9400, 0.2848, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 24.9400, 0.2848, 0.3807.



This preview shows how white text looks on a background with the Yxy color 24.9400, 0.2848, 0.3807.

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

24.9400, 0.2848, 0.3807

Protanopia

24.7754, 0.3444, 0.3646

Deuteranopia

24.5579, 0.3477, 0.3405



Tritanopia

24.8363, 0.2628, 0.3076

Trichromacy



Original Color

24.9400, 0.2848, 0.3807

Protanomaly

24.4761, 0.3206, 0.3703

Deuteranomaly

24.2269, 0.3216, 0.3536

Tritanomaly

24.8866, 0.2703, 0.3325

Monochromacy



Original Color

24.9400, 0.2848, 0.3807

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.8277, 0.3009, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9400, 0.2848, 0.3807 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(94, 148, 121)` looks like.

```
.text, #text, p{  
  color:rgb(94, 148, 121)  
}
```

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(94, 148, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 148, 121) }
```

Border

The CSS property to change the border of an element to Yxy 24.9400, 0.2848, 0.3807 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(94, 148, 121) }
```

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

```
.border{ border-color:rgb(94, 148, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 148, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 148, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 148, 121);  
box-shadow:4px 4px 4px 4px rgb(94, 148,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9400, 0.2848, 0.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 148, 121) }
```

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

```
.background{ background-color: rgb(94, 148,  
121) }
```

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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