

Converting Colors

$Y_{xy}(24.9610, 0.2917, 0.4045)$

Have a look what the booklet for
Yxy(24.9610, 0.2917, 0.4045)
contains.

Yxy(24.8960, 0.2924, 0.4049)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.8960, 0.2924, 0.4049)

Conversions

Conversions Part 1

Format	Color
Hex	5C956E
RGB	92, 149, 110
RGB Percent	36%, 58%, 43%
CMY	0.6391, 0.4157, 0.5686
CMYK	0.38, 0.00, 0.26, 0.42
HSL	139°, 24%, 47%
HSV	139°, 38%, 58%
XYZ	17.9787, 24.8960, 18.6121
YIQ	127.5110, -21.4530, -24.2130

Conversions

Conversions Part 2

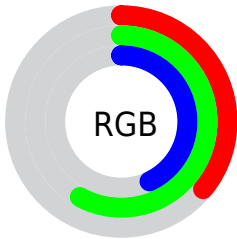
Format	Color
R _Y B	92, 135, 149
Decimal	6067566
CIE Lab	56.97, -27.52, 14.82
CIE LCh	57, 31.261, 151.699
Yxy	24.8960, 0.2924, 0.4049
Android (android.graphics.Color)	4284257646 (0xFF5C956E)
YUV	127.5110, -8.6329, -31.1431
Hunter-Lab	49.8959, -22.9998, 12.8109

Details

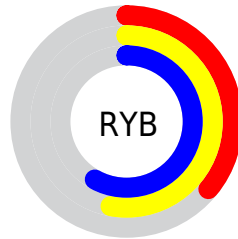
The Yxy color $24.8960, 0.2924, 0.4049$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $15.6897, 0.3418, 0.2639$, and the grayscale version is $21.4479, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.2498, 0.2969, 0.3864$, and $9.5754, 0.2834, 0.4383$ is the 20% darker color. If you saturate the color by 10%, you get $23.9937, 0.2882, 0.4293$, and if you desaturate by 10%, it is $25.9768, 0.2973, 0.3822$.

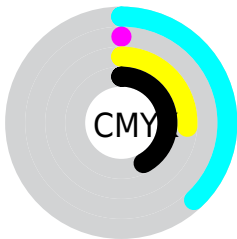
Distribution



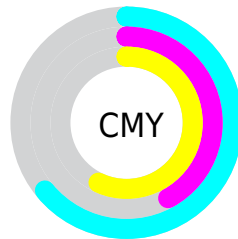
- Red (36%)
- Green (58%)
- Blue (43%)



- Red (36%)
- Yellow (53%)
- Blue (58%)



- Cyan (38%)
- Magenta (0%)
- Yellow (26%)
- Black (42%)




- Cyan (64%)
- Magenta (42%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8960, 0.2924, 0.4049 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 24.8960, 0.2924, 0.4049 by changing the saturation by 10% instead.

 24.8960, 0.2924,
0.4049


 24.8960, 0.2924,
0.4049


277.3196, 0.3045,
0.3612


 15.9996, 0.2885,
0.4183


 51.4885, 0.2974,
0.3873


 9.5239, 0.2827,
0.4373

 69.9533, 0.2991,
0.3813

 5.0844, 0.2736,
0.4664

 92.3764, 0.3004,
0.3764

 2.2969, 0.2571,
0.5159

 119.1421, 0.3015,
0.3723

 0.7721, 0.0742,
0.9258

150.6349, 0.3025,
0.3689

 0.0000, 0.0000,
0.0000

187.2392, 0.3033,

0.3659

229.3393, 0.3039,
0.3634

■ 24.8960, 0.2924,
0.4049

■ 24.8960, 0.2924,
0.4049

■ 23.9937, 0.2882,
0.4293

■ 25.9768, 0.2973,
0.3822

■ 23.2572, 0.2850,
0.4548

■ 27.2421, 0.3026,
0.3615

■ 22.6767, 0.2832,
0.4806


■ 28.7013, 0.3081,
0.3428


■ 22.2402, 0.2828,
0.5057


■ 30.3622, 0.3137,
0.3262

■ 21.9339, 0.2840,
0.5290


■ 32.2322, 0.3192,
0.3116


 21.7310, 0.2865,
0.5495

 34.3183, 0.3245,
0.2987

 21.6990, 0.2869,
0.5529

 36.6273, 0.3295,
0.2875

 39.1655, 0.3343,
0.2777

 41.9391, 0.3388,
0.2692

Harmonies

Analogous

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



24.8960, 0.3453, 0.4268



24.8960, 0.2924, 0.4049



24.8960, 0.2473, 0.3562

Triad

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



24.8960, 0.2924, 0.4049



24.8960, 0.2352, 0.2453



24.8960, 0.4141, 0.3415

Complementary

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



24.8960, 0.2924, 0.4049



15.6897, 0.3418, 0.2639

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.



24.8960, 0.3795, 0.3005



24.8960, 0.2924, 0.4049



24.8960, 0.2739, 0.2473

Square

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



24.8960, 0.2924, 0.4049



24.8960, 0.2168, 0.2636



24.8960, 0.3266, 0.2672



24.8960, 0.4180, 0.3831

Rectangle

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



24.8960, 0.2924, 0.4049



24.8960, 0.2272, 0.3197



24.8960, 0.3266, 0.2672



24.8960, 0.4056, 0.3274

Sweetspot

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



24.8970, 0.2924, 0.4049



50.5830, 0.3065, 0.3482



27.1653, 0.3490, 0.4274



11.1389, 0.3058, 0.3504



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.



24.8970, 0.2924, 0.4049



43.1642, 0.2887, 0.4260



25.5946, 0.2698, 0.3501



6.4968, 0.3076, 0.3445



18.2687, 0.2866, 0.5517



0.2285, 0.2638, 0.4696

Inverse Universe

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



15.6897, 0.3418, 0.2639



24.2165, 0.3509, 0.2494



15.0382, 0.3847, 0.3095



5.8784, 0.3182, 0.3140



6.1904, 0.4177, 0.2074



0.0811, 0.3651, 0.1785

Previews

White Background



This preview shows how the Yxy color 24.8960, 0.2924, 0.4049 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 24.8960, 0.2924, 0.4049 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 24.8960, 0.2924, 0.4049

Background



This preview shows how black text looks on a background with the Yxy color 24.8960, 0.2924, 0.4049.



This preview shows how white text looks on a background with the Yxy color 24.8960, 0.2924, 0.4049.

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

24.8960, 0.2924, 0.4049

Protanopia

24.6275, 0.3577, 0.3833

Deuteranopia

24.6156, 0.3630, 0.3566



Tritanopia

24.8363, 0.2628, 0.3076

Trichromacy



Original Color

24.8960, 0.2924, 0.4049

Protanomaly

24.5260, 0.3315, 0.3922

Deuteranomaly

24.3558, 0.3331, 0.3731

Tritanomaly

24.7115, 0.2727, 0.3400

Monochromacy



Original Color

24.8960, 0.2924, 0.4049

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.6336, 0.3048, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8960, 0.2924, 0.4049 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(92, 149, 110)` looks like.

```
.text, #text, p{  
    color:rgb(92, 149, 110)  
}
```

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(92, 149, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 149, 110) }
```

Border

The CSS property to change the border of an element to Yxy 24.8960, 0.2924, 0.4049 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(92, 149, 110) }
```

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

```
.border{ border-color:rgb(92, 149, 110) }
```

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

Here you see how a box with a 4 pixel rgb(92, 149, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 149, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 149, 110);  
box-shadow:4px 4px 4px 4px rgb(92, 149,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8960, 0.2924, 0.4049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 149, 110) }
```

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

```
.background{ background-color: rgb(92, 149,  
110) }
```

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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