

Converting Colors

$Y_{xy}(24.4209, 0.3087, 0.4350)$

Have a look what the booklet for
Yxy(24.4209, 0.3087, 0.4350)
contains.

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Color

$Y_{xy}(24.4209, 0.3087, 0.4350)$

Conversions

Conversions Part 1

Format	Color
Hex	5F945E
RGB	95, 148, 94
RGB Percent	37%, 58%, 37%
CMY	0.6274, 0.4196, 0.6314
CMYK	0.36, 0.00, 0.36, 0.42
HSL	119°, 22%, 47%
HSV	119°, 36%, 58%
XYZ	17.3304, 24.4209, 14.3887
YIQ	125.9970, -14.2540, -28.0300

Conversions

Conversions Part 2

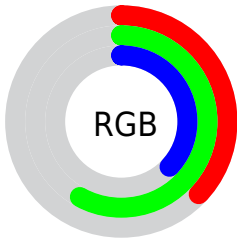
Format	Color
R_{YB}	94, 148, 147
Decimal	6263902
CIE _{Lab}	56.51, -29.00, 23.14
CIE _{LCh}	57, 37.103, 141.414
Yxy	24.4209, 0.3087, 0.4350
Android (android.graphics.Color)	4284453982 (0xFF5F945E)
YUV	125.9970, -15.7745, -27.1844
Hunter-Lab	49.4175, -23.8818, 17.3290

Details

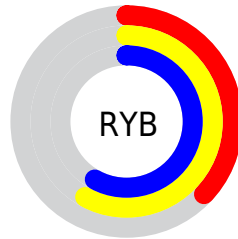
The Yxy color $24.4209, 0.3087, 0.4350$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $16.3444, 0.3155, 0.2412$, and the grayscale version is $20.9225, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.4884, 0.3104, 0.4096$, and $9.3125, 0.3032, 0.4810$ is the 20% darker color. If you saturate the color by 10%, you get $23.4746, 0.3072, 0.4696$, and if you desaturate by 10%, it is $25.5652, 0.3100, 0.4021$.

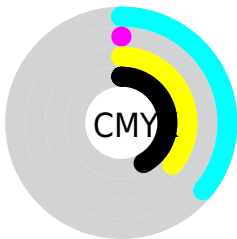
Distribution



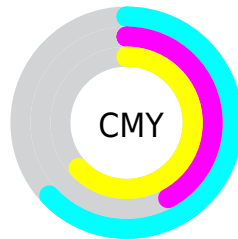
- Red (37%)
- Green (58%)
- Blue (37%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4209, 0.3087, 0.4350 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 24.4209, 0.3087, 0.4350 by changing the saturation by 10% instead.


 24.4209, 0.3087,
0.4350


 24.4209, 0.3087,
0.4350


274.9416, 0.3126,
0.3734


 15.6461, 0.3066,
0.4540


 50.7162, 0.3108,
0.4102

 9.2741, 0.3030,
0.4810


 69.0055, 0.3114,
0.4016

 4.9204, 0.2959,
0.5220

 91.2351, 0.3118,
0.3947

 2.2006, 0.2885,
0.6086

 117.7894, 0.3121,
0.3889

 0.7203, 0.0000,
1.0000

149.0528, 0.3123,
0.3841

 0.0000, 0.0000,
0.0000

185.4097, 0.3124,

0.3800

227.2445, 0.3125,
0.3765

■ 24.4209, 0.3087,
0.4350

■ 24.4209, 0.3087,
0.4350

■ 23.4746, 0.3072,
0.4696

■ 25.5652, 0.3100,
0.4021

■ 22.7122, 0.3057,
0.5041

■ 26.9145, 0.3112,
0.3718

■ 22.1226, 0.3041,
0.5363


■ 28.4794, 0.3122,
0.3448


■ 21.6924, 0.3027,
0.5636


■ 30.2686, 0.3130,
0.3210

■ 21.4060, 0.3015,
0.5837


■ 32.2905, 0.3137,
0.3003


 21.2425, 0.3007,
0.5960

 34.5530, 0.3142,
0.2825

 21.1982, 0.3005,
0.5996

 37.0637, 0.3147,
0.2671

 39.8298, 0.3151,
0.2539

 42.8583, 0.3154,
0.2425

Harmonies

Analogous

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



24.4209, 0.3707, 0.4455



24.4209, 0.3087, 0.4350



24.4209, 0.2510, 0.3840

Triad

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



24.4209, 0.3087, 0.4350



24.4209, 0.2116, 0.2349



24.4209, 0.4235, 0.3254

Complementary

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



24.4209, 0.3087, 0.4350



16.3444, 0.3155, 0.2412

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.



24.4209, 0.3718, 0.2804



24.4209, 0.3087, 0.4350



24.4209, 0.2485, 0.2302

Square

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



24.4209, 0.3087, 0.4350



24.4209, 0.1991, 0.2638



24.4209, 0.3061, 0.2467



24.4209, 0.4409, 0.3744

Rectangle

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



24.4209, 0.3087, 0.4350



24.4209, 0.2224, 0.3392



24.4209, 0.3061, 0.2467



24.4209, 0.4094, 0.3096

Sweetspot

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



24.4219, 0.3087, 0.4350



48.8951, 0.3117, 0.3572



27.7240, 0.3668, 0.4143



11.0856, 0.3116, 0.3605



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.



24.4219, 0.3087, 0.4350



41.6657, 0.3075, 0.4640



24.8964, 0.2863, 0.3843



6.4733, 0.3119, 0.3518



18.1077, 0.3006, 0.5995



0.2227, 0.3034, 0.5973

Inverse Universe

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



16.3444, 0.3155, 0.2412



25.2129, 0.3159, 0.2222



15.7258, 0.3521, 0.2800



5.9037, 0.3135, 0.3072



6.9860, 0.3163, 0.1516



0.0869, 0.3188, 0.1530

Previews

White Background



This preview shows how the Yxy color 24.4209, 0.3087, 0.4350 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 24.4209, 0.3087, 0.4350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

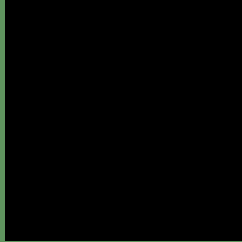
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4209, 0.3087, 0.4350

Background



This preview shows how black text looks on a background with the Yxy color 24.4209, 0.3087, 0.4350.



This preview shows how white text looks on a background with the Yxy color 24.4209, 0.3087, 0.4350.

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

24.4209, 0.3087, 0.4350

Protanopia

24.2523, 0.3769, 0.4062

Deuteranopia

24.0559, 0.3866, 0.3788



Tritanopia

24.3809, 0.2682, 0.3093

Trichromacy



Original Color

24.4209, 0.3087, 0.4350

Protanomaly

24.1007, 0.3492, 0.4173

Deuteranomaly

23.7056, 0.3543, 0.3978

Tritanomaly

24.4100, 0.2829, 0.3532

Monochromacy



Original Color

24.4209, 0.3087, 0.4350

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

21.9099, 0.3121, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4209, 0.3087, 0.4350 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(95, 148, 94)` looks like.

```
.text, #text, p{  
    color:rgb(95, 148, 94)  
}
```

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(95, 148, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 148, 94) }
```

Border

The CSS property to change the border of an element to Yxy 24.4209, 0.3087, 0.4350 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(95, 148, 94) }
```

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

```
.border{ border-color:rgb(95, 148, 94) }
```

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

Here you see how a box with a 4 pixel rgb(95, 148, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 148, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 148, 94);  
box-shadow:4px 4px 4px 4px rgb(95, 148,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4209, 0.3087, 0.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 148, 94) }
```

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

```
.background{ background-color: rgb(95, 148,  
94) }
```

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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