

Converting Colors

$Yxy(25.0590, 0.3061, 0.4385)$

Have a look what the booklet for
Yxy(25.0590, 0.3061, 0.4385)
contains.

Yxy(24.9480, 0.3067, 0.4386)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.9480, 0.3067, 0.4386)

Conversions

Conversions Part 1

Format	Color
Hex	5D965E
RGB	93, 150, 94
RGB Percent	36%, 59%, 37%
CMY	0.6351, 0.4118, 0.6313
CMYK	0.38, 0.00, 0.37, 0.41
HSL	121°, 23%, 48%
HSV	121°, 38%, 59%
XYZ	17.4454, 24.9480, 14.4876
YIQ	126.5730, -15.9960, -29.5000

Conversions

Conversions Part 2

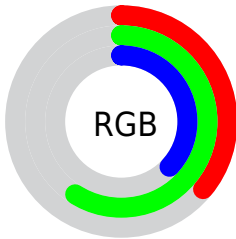
Format	Color
R _{YB}	93, 149, 150
Decimal	6133342
CIE _{Lab}	57.02, -30.61, 23.80
CIE _{LCh}	57, 38.774, 142.133
Y _{xy}	24.9480, 0.3067, 0.4386
Android (android.graphics.Color)	4284323422 (0xFF5D965E)
YUV	126.5730, -16.0585, -29.4435
Hunter-Lab	49.9480, -25.0640, 17.7663

Details

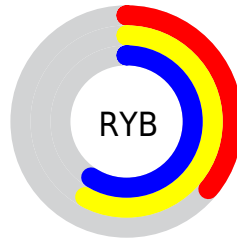
The Yxy color **24.9480, 0.3067, 0.4386** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.4932, 0.3182, 0.2394**, and the grayscale version is **21.1344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8180, 0.3095, 0.4134**, and **9.6212, 0.2997, 0.4863** is the 20% darker color. If you saturate the color by 10%, you get **24.0011, 0.3050, 0.4730**, and if you desaturate by 10%, it is **26.1012, 0.3084, 0.4057**.

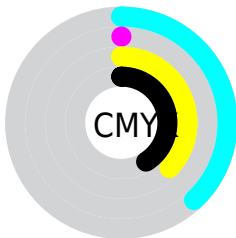
Distribution



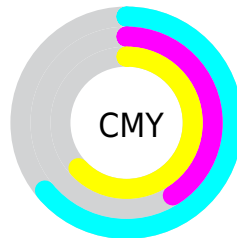
- Red (36%)
- Green (59%)
- Blue (37%)



- Red (36%)
- Yellow (58%)
- Blue (59%)



- Cyan (38%)
- Magenta (0%)
- Yellow (37%)
- Black (41%)





- Cyan (64%)
- Magenta (41%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9480, 0.3067, 0.4386 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 24.9480, 0.3067, 0.4386 by changing the saturation by 10% instead.


 24.9480, 0.3067,
0.4386

 24.9480, 0.3067,
0.4386


277.5789, 0.3119,
0.3750


 16.0383, 0.3042,
0.4582


 51.5729, 0.3093,
0.4130


 9.5513, 0.3000,
0.4859

 70.0568, 0.3100,
0.4041

 5.1025, 0.2921,
0.5279

 92.5010, 0.3106,
0.3970

 2.3075, 0.2824,
0.6143

 119.2898, 0.3110,
0.3911

 0.7777, 0.0000,
1.0000

150.8076, 0.3113,
0.3861

 0.0000, 0.0000,
0.0000

187.4387, 0.3115,

0.3819

229.5677, 0.3117,
0.3782

■ 24.9480, 0.3067,
0.4386

■ 24.9480, 0.3067,
0.4386

■ 24.0011, 0.3050,
0.4730

■ 26.1012, 0.3084,
0.4057

■ 23.2453, 0.3033,
0.5073

■ 27.4684, 0.3101,
0.3754

■ 22.6687, 0.3019,
0.5389

■ 29.0609, 0.3116,
0.3483

■ 22.2564, 0.3008,
0.5655


■ 30.8881, 0.3130,
0.3244

■ 21.9913, 0.3001,
0.5849


■ 32.9591, 0.3142,
0.3036

 21.8425, 0.2997,
0.5966

 35.2824, 0.3153,
0.2857

 21.8161, 0.2996,
0.5986

 37.8660, 0.3162,
0.2702

 40.7176, 0.3171,
0.2570

 43.8447, 0.3178,
0.2456

Harmonies

Analogous

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



24.9480, 0.3710, 0.4501



24.9480, 0.3067, 0.4386



24.9480, 0.2474, 0.3846

Triad

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



24.9480, 0.3067, 0.4386



24.9480, 0.2089, 0.2313



24.9480, 0.4286, 0.3261

Complementary

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



24.9480, 0.3067, 0.4386



16.4932, 0.3182, 0.2394

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.



24.9480, 0.3756, 0.2797



24.9480, 0.3067, 0.4386



24.9480, 0.2475, 0.2272

Square

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



24.9480, 0.3067, 0.4386



24.9480, 0.1954, 0.2603



24.9480, 0.3073, 0.2447



24.9480, 0.4455, 0.3767

Rectangle

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



24.9480, 0.3067, 0.4386



24.9480, 0.2184, 0.3377



24.9480, 0.3073, 0.2447



24.9480, 0.4142, 0.3098

Sweetspot

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



24.9491, 0.3067, 0.4386



50.3308, 0.3111, 0.3568



28.9957, 0.3669, 0.4207



11.0779, 0.3109, 0.3600



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.



24.9491, 0.3067, 0.4386



42.5205, 0.3051, 0.4694



25.5576, 0.2830, 0.3813



6.4699, 0.3114, 0.3514



18.0960, 0.2996, 0.5985



0.2218, 0.2975, 0.5910

Inverse Universe

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



16.4932, 0.3182, 0.2394



25.2947, 0.3195, 0.2199



15.6921, 0.3586, 0.2825



5.9075, 0.3140, 0.3075



7.1381, 0.3250, 0.1564



0.0878, 0.3228, 0.1552

Previews

White Background



This preview shows how the Yxy color 24.9480, 0.3067, 0.4386 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 24.9480, 0.3067, 0.4386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

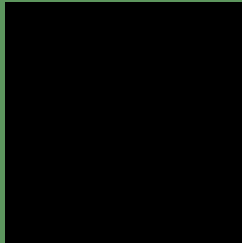
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9480, 0.3067, 0.4386

Background



This preview shows how black text looks on a background with the Yxy color 24.9480, 0.3067, 0.4386.



This preview shows how white text looks on a background with the Yxy color 24.9480, 0.3067, 0.4386.

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

24.9480, 0.3067, 0.4386

Protanopia

24.6088, 0.3786, 0.4090

Deuteranopia

24.7958, 0.3878, 0.3813



Tritanopia

24.9813, 0.2661, 0.3095

Trichromacy



Original Color

24.9480, 0.3067, 0.4386

Protanomaly

24.3771, 0.3498, 0.4206

Deuteranomaly

24.3584, 0.3547, 0.4007

Tritanomaly

24.9904, 0.2814, 0.3549

Monochromacy



Original Color

24.9480, 0.3067, 0.4386

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.2106, 0.3109, 0.3668

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9480, 0.3067, 0.4386 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(93, 150, 94)` looks like.

```
.text, #text, p{  
    color:rgb(93, 150, 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(93, 150, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 150, 94) }
```

Border

The CSS property to change the border of an element to Yxy 24.9480, 0.3067, 0.4386 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(93, 150, 94) }
```

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

```
.border{ border-color:rgb(93, 150, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 150, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 150, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 150, 94);  
box-shadow:4px 4px 4px 4px rgb(93, 150,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9480, 0.3067, 0.4386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 150, 94) }
```

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

```
.background{ background-color: rgb(93, 150,  
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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