

Converting Colors

$Yxy(24.9686, 0.3162, 0.4573)$

Have a look what the booklet for
Yxy(24.9686, 0.3162, 0.4573)
contains.

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Color

Yxy(24.8857, 0.3167, 0.4575)

Conversions

Conversions Part 1

Format	Color
Hex	5F9654
RGB	95, 150, 84
RGB Percent	37%, 59%, 33%
CMY	0.6274, 0.4118, 0.6706
CMYK	0.37, 0.00, 0.44, 0.41
HSL	110°, 28%, 46%
HSV	110°, 44%, 59%
XYZ	17.2269, 24.8857, 12.2824
YIQ	126.0310, -11.5940, -32.1860

Conversions

Conversions Part 2

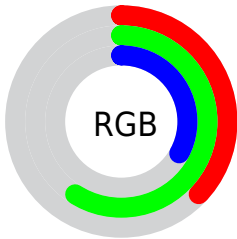
Format	Color
RYB	84, 150, 139
Decimal	6264404
CIELab	56.96, -31.54, 29.16
CIELCh	57, 42.956, 137.240
Yxy	24.8857, 0.3167, 0.4575
Android (android.graphics.Color)	4284454484 (0xFF5F9654)
YUV	126.0310, -20.7213, -27.2142
Hunter-Lab	49.8856, -25.6587, 20.3220

Details

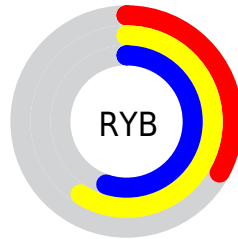
The Yxy color **24.8857, 0.3167, 0.4575** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.0303, 0.3024, 0.2196**, and the grayscale version is **20.9513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7078, 0.3175, 0.4273**, and **9.5927, 0.3116, 0.5124** is the 20% darker color. If you saturate the color by 10%, you get **24.0598, 0.3163, 0.4908**, and if you desaturate by 10%, it is **25.8714, 0.3165, 0.4246**.

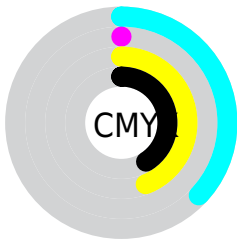
Distribution



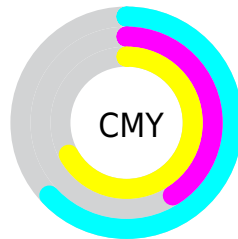
- Red (37%)
- Green (59%)
- Blue (33%)



- Red (33%)
- Yellow (59%)
- Blue (55%)



- Cyan (37%)
- Magenta (0%)
- Yellow (44%)
- Black (41%)




- Cyan (63%)
- Magenta (41%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8857, 0.3167, 0.4575 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 24.8857, 0.3167, 0.4575 by changing the saturation by 10% instead.


 24.8857, 0.3167,
0.4575


 24.8857, 0.3167,
0.4575


277.2682, 0.3171,
0.3829


 15.9919, 0.3151,
0.4803


 51.4717, 0.3177,
0.4275


 9.5184, 0.3117,
0.5124


 69.9328, 0.3178,
0.4171

 5.0809, 0.3040,
0.5601

 92.3517, 0.3178,
0.4087

 2.2948, 0.3087,
0.6896

 119.1129, 0.3177,
0.4017

 0.7709, 0.0000,
1.0000

 150.6007, 0.3175,
0.3959

 0.0000, 0.0000,
0.0000

187.1997, 0.3174,

0.3909

229.2940, 0.3172,
0.3866

■ 24.8857, 0.3167,
0.4575

■ 24.8857, 0.3167,
0.4575

■ 24.0598, 0.3163,
0.4908

■ 25.8714, 0.3165,
0.4246

■ 23.3822, 0.3151,
0.5226

■ 27.0215, 0.3157,
0.3933

■ 22.8448, 0.3132,
0.5508


■ 28.3443, 0.3146,
0.3645

■ 22.4375, 0.3105,
0.5732

■ 29.8464, 0.3133,
0.3386


■ 22.1484, 0.3073,
0.5884

■ 31.5345, 0.3118,
0.3155

 22.0201, 0.3058,
0.5954

 33.4144, 0.3103,
0.2952

 35.4921, 0.3088,
0.2775

 37.7731, 0.3073,
0.2620

 40.2628, 0.3059,
0.2485

Harmonies

Analogous

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



24.8857, 0.3864, 0.4602



24.8857, 0.3167, 0.4575



24.8857, 0.2496, 0.4033

Triad

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



24.8857, 0.3167, 0.4575



24.8857, 0.1950, 0.2249



24.8857, 0.4340, 0.3161

Complementary

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



24.8857, 0.3167, 0.4575



14.0303, 0.3024, 0.2196

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.



24.8857, 0.3701, 0.2676



24.8857, 0.3167, 0.4575



24.8857, 0.2322, 0.2169

Square

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



24.8857, 0.3167, 0.4575



24.8857, 0.1848, 0.2604



24.8857, 0.2943, 0.2325



24.8857, 0.4596, 0.3706

Rectangle

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



24.8857, 0.3167, 0.4575



24.8857, 0.2155, 0.3509



24.8857, 0.2943, 0.2325



24.8857, 0.4159, 0.2989

Sweetspot

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



24.8868, 0.3167, 0.4575



50.2071, 0.3145, 0.3625



25.2727, 0.3839, 0.4173



11.0150, 0.3148, 0.3681



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.



24.8868, 0.3167, 0.4575



42.4539, 0.3163, 0.4909



24.7156, 0.2898, 0.4187



6.5122, 0.3140, 0.3517



18.2729, 0.3061, 0.5952



0.2324, 0.3281, 0.5777

Inverse Universe

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



14.0303, 0.3024, 0.2196



20.6899, 0.2989, 0.1962



14.4123, 0.3479, 0.2543



5.8607, 0.3112, 0.3070



5.4521, 0.2800, 0.1316



0.0772, 0.3012, 0.1433

Previews

White Background



This preview shows how the Yxy color 24.8857, 0.3167, 0.4575 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 24.8857, 0.3167, 0.4575 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 24.8857, 0.3167, 0.4575

Background



This preview shows how black text looks on a background with the Yxy color 24.8857, 0.3167, 0.4575.



This preview shows how white text looks on a background with the Yxy color 24.8857, 0.3167, 0.4575.

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

24.8857, 0.3167, 0.4575

Protanopia

24.5624, 0.3890, 0.4226

Deuteranopia

24.5790, 0.4012, 0.3930



Tritanopia

24.7717, 0.2684, 0.3095

Trichromacy



Original Color

24.8857, 0.3167, 0.4575

Protanomaly

24.3110, 0.3596, 0.4357

Deuteranomaly

24.0684, 0.3680, 0.4155

Tritanomaly

24.6929, 0.2865, 0.3607

Monochromacy



Original Color

24.8857, 0.3167, 0.4575

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

22.1205, 0.3150, 0.3746

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8857, 0.3167, 0.4575 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, 150, 84)` looks like.

```
.text, #text, p{  
    color:rgb(95, 150, 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(95, 150, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 150, 84) }
```

Border

The CSS property to change the border of an element to Yxy 24.8857, 0.3167, 0.4575 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, 150, 84) }
```

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

```
.border{ border-color:rgb(95, 150, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 150, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 150, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 150, 84);  
box-shadow:4px 4px 4px 4px rgb(95, 150,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8857, 0.3167, 0.4575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 150, 84) }
```

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

```
.background{ background-color: rgb(95, 150,  
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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