

Converting Colors

$Yxy(25.0244, 0.2973, 0.4396)$

Have a look what the booklet for
Yxy(25.0244, 0.2973, 0.4396)
contains.

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Color

Yxy(24.8626, 0.2970, 0.4387)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 549760 |
| RGB | 84, 151, 96 |
| RGB Percent | 33%, 59%, 38% |
| CMY | 0.6707, 0.4078, 0.6235 |
| CMYK | 0.44, 0.00, 0.36, 0.41 |
| HSL | 131°, 29%, 46% |
| HSV | 131°, 44%, 59% |
| XYZ | 16.8320, 24.8626, 14.9788 |
| YIQ | 124.6970, -22.2770, -31.3090 |

Conversions

Conversions Part 2

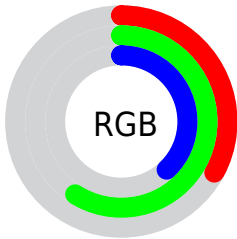
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 84, 141, 151 |
| Decimal | 5543776 |
| CIELab | 56.94, -33.62, 22.52 |
| CIELCh | 57, 40.464, 146.189 |
| Yxy | 24.8626, 0.2970, 0.4387 |
| Android (android.graphics.Color) | 4283733856 (0xFF549760) |
| YUV | 124.6970, -14.1476, -35.6913 |
| Hunter-Lab | 49.8624, -27.0032, 17.0929 |

Details

The Yxy color **24.8626, 0.2970, 0.4387** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.7789, 0.3345, 0.2401**, and the grayscale version is **20.4531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5676, 0.3017, 0.4132**, and **9.4367, 0.2869, 0.4852** is the 20% darker color. If you saturate the color by 10%, you get **24.0301, 0.2944, 0.4686**, and if you desaturate by 10%, it is **25.8833, 0.3002, 0.4100**.

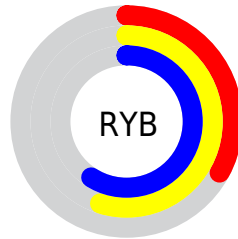
Distribution



Red (33%)

Green (59%)

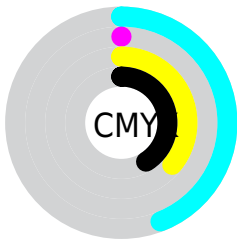
Blue (38%)



Red (33%)

Yellow (55%)

Blue (59%)

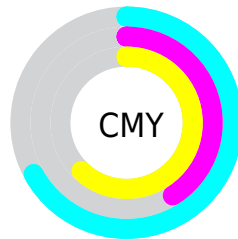


Cyan (44%)

Magenta (0%)

Yellow (36%)

Black (41%)



Cyan (67%)


Magenta (41%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8626, 0.2970, 0.4387 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 24.8626, 0.2970, 0.4387 by changing the saturation by 10% instead.


 24.8626, 0.2970,
0.4387


 24.8626, 0.2970,
0.4387


277.1530, 0.3075,
0.3748


 15.9747, 0.2930,
0.4585


 51.4342, 0.3017,
0.4129

 9.5063, 0.2868,
0.4867


 69.8868, 0.3032,
0.4040

 5.0728, 0.2759,
0.5297

 92.2963, 0.3043,
0.3968

 2.2901, 0.2597,
0.6147

 119.0473, 0.3052,
0.3909

 0.7684, 0.0000,
1.0000

 150.5240, 0.3060,
0.3859

 0.0000, 0.0000,
0.0000

187.1110, 0.3066,

0.3817

229.1925, 0.3071,
0.3780

■ 24.8626, 0.2970,
0.4387

■ 24.8626, 0.2970,
0.4387

■ 24.0301, 0.2944,
0.4686

■ 25.8833, 0.3002,
0.4100

■ 23.3713, 0.2927,
0.4985

■ 27.0996, 0.3037,
0.3834

■ 22.8746, 0.2920,
0.5269


■ 28.5222, 0.3074,
0.3592


■ 22.5254, 0.2925,
0.5519


■ 30.1602, 0.3111,
0.3377

■ 22.3061, 0.2940,
0.5721


■ 32.0219, 0.3147,
0.3187

 22.2154, 0.2948,
0.5812

 34.1155, 0.3182,
0.3021

 36.4485, 0.3215,
0.2876

 39.0283, 0.3245,
0.2751

 41.8618, 0.3274,
0.2642

Harmonies

Analogous

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



24.8626, 0.3643, 0.4568



24.8626, 0.2970, 0.4387



24.8626, 0.2375, 0.3774

Triad

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



24.8626, 0.2970, 0.4387



24.8626, 0.2088, 0.2254



24.8626, 0.4387, 0.3326

Complementary

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



24.8626, 0.2970, 0.4387



14.7789, 0.3345, 0.2401

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.



24.8626, 0.3873, 0.2836



24.8626, 0.2970, 0.4387



24.8626, 0.2520, 0.2246

Square

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



24.8626, 0.2970, 0.4387



24.8626, 0.1912, 0.2515



24.8626, 0.3165, 0.2455



24.8626, 0.4502, 0.3849

Rectangle

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



24.8626, 0.2970, 0.4387



24.8626, 0.2099, 0.3280



24.8626, 0.3165, 0.2455



24.8626, 0.4254, 0.3155

Sweetspot

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



24.8636, 0.2970, 0.4387



51.3874, 0.3078, 0.3566



28.3364, 0.3642, 0.4400



11.5510, 0.3070, 0.3614



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.8636, 0.2970, 0.4387



43.0749, 0.2945, 0.4676



25.5950, 0.2710, 0.3717



6.9428, 0.3093, 0.3478



18.9003, 0.2946, 0.5804



0.2865, 0.2773, 0.5183

Inverse Universe

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



14.7789, 0.3345, 0.2401



22.6874, 0.3407, 0.2227



13.9628, 0.3868, 0.2912



6.3046, 0.3163, 0.3109



6.8366, 0.3710, 0.1817



0.1066, 0.3455, 0.1677

Previews

White Background



This preview shows how the Yxy color 24.8626, 0.2970, 0.4387 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 24.8626, 0.2970, 0.4387 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 24.8626, 0.2970, 0.4387

Background



This preview shows how black text looks on a background with the Yxy color 24.8626, 0.2970, 0.4387.



This preview shows how white text looks on a background with the Yxy color 24.8626, 0.2970, 0.4387.

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

24.8626, 0.2970, 0.4387

Protanopia

24.6424, 0.3765, 0.4058

Deuteranopia

24.4819, 0.3837, 0.3753



Tritanopia

24.8545, 0.2590, 0.3092

Trichromacy



Original Color

24.8626, 0.2970, 0.4387

Protanomaly

24.1824, 0.3443, 0.4181

Deuteranomaly

24.0644, 0.3478, 0.3983

Tritanomaly

24.8640, 0.2722, 0.3534

Monochromacy



Original Color

24.8626, 0.2970, 0.4387

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

21.5801, 0.3065, 0.3676

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8626, 0.2970, 0.4387 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(84, 151, 96)` looks like.

```
.text, #text, p{  
    color:rgb(84, 151, 96)  
}
```

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(84, 151, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 151, 96) }
```

Border

The CSS property to change the border of an element to Yxy 24.8626, 0.2970, 0.4387 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(84, 151, 96) }
```

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

```
.border{ border-color:rgb(84, 151, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 151, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 151, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 151, 96);  
box-shadow:4px 4px 4px 4px rgb(84, 151,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8626, 0.2970, 0.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 151, 96) }
```

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

```
.background{ background-color: rgb(84, 151,  
96) }
```

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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