

Converting Colors

$Yxy(24.2142, 0.2692, 0.4854)$

Have a look what the booklet for
Yxy(24.2142, 0.2692, 0.4854)
contains.

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Color

Yxy(24.1059, 0.2693, 0.4860)

Conversions

Conversions Part 1

Format	Color
Hex	069B53
RGB	6, 155, 83
RGB Percent	2%, 61%, 33%
CMY	0.9769, 0.3921, 0.6744
CMYK	0.96, 0.00, 0.46, 0.39
HSL	151°, 93%, 32%
HSV	151°, 96%, 61%
XYZ	13.3574, 24.1059, 12.1373
YIQ	102.2410, -65.6920, -53.9800

Conversions

Conversions Part 2

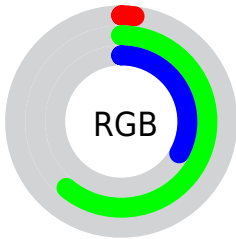
Format	Color
RYB	6, 104, 155
Decimal	432979
CIELab	56.19, -51.22, 28.22
CIELCh	56, 58.483, 151.151
Yxy	24.1059, 0.2693, 0.4860
Android (android.graphics.Color)	4278623059 (0xFF069B53)
YUV	102.2410, -9.4858, -84.4034
Hunter-Lab	49.0978, -37.3587, 19.7116

Details

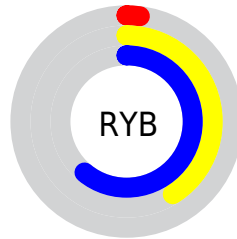
The Yxy color **24.1059, 0.2693, 0.4860** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **7.6451, 0.4908, 0.2509**, and the grayscale version is **13.3841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.4336, 0.2813, 0.4472**, and **9.6301, 0.2823, 0.5362** is the 20% darker color. If you saturate the color by 10%, you get **24.0258, 0.2702, 0.4926**, and if you desaturate by 10%, it is **24.3545, 0.2674, 0.4682**.

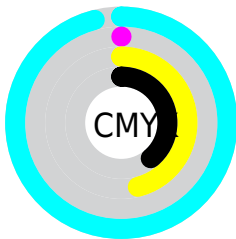
Distribution



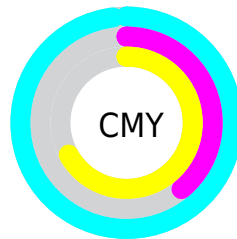
- Red (2%)
- Green (61%)
- Blue (33%)



- Red (2%)
- Yellow (41%)
- Blue (61%)



- Cyan (96%)
- Magenta (0%)
- Yellow (46%)
- Black (39%)





- Cyan (98%)
- Magenta (39%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1059, 0.2693, 0.4860 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 24.1059, 0.2693, 0.4860 by changing the saturation by 10% instead.


 24.1059, 0.2693,
0.4860


 24.1059, 0.2693,
0.4860


273.3554, 0.2969,
0.3925


 15.4122, 0.2595,
0.5158


 50.2030, 0.2812,
0.4476


 9.1092, 0.2446,
0.5587


 68.3751, 0.2851,
0.4346


 4.8125, 0.2199,
0.6242

 90.4755, 0.2881,
0.4241

 2.1377, 0.1750,
0.8250

 116.8886, 0.2906,
0.4155

 0.6857, 0.0000,
1.0000

 147.9987, 0.2926,
0.4083

 0.0000, 0.0000,
0.0000

 184.1903, 0.2943,

0.4023

225.8478, 0.2957,
0.3970

■ 24.1059, 0.2693,
0.4860

■ 24.1059, 0.2693,
0.4860

■ 24.0258, 0.2702,
0.4926

■ 24.3545, 0.2674,
0.4682

■ 24.7169, 0.2672,
0.4498

■ 25.2142, 0.2690,
0.4312

■ 25.8603, 0.2726,
0.4129

■ 26.6677, 0.2777,
0.3952

■ 27.6471, 0.2841,
0.3786

■ 28.8086, 0.2914,
0.3631

■ 30.1613, 0.2992,
0.3490

■ 31.7137, 0.3075,
0.3362

Harmonies

Analogous

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



24.1059, 0.3620, 0.5176



24.1059, 0.2693, 0.4860



24.1059, 0.1936, 0.3804

Triad

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



24.1059, 0.2693, 0.4860



24.1059, 0.1774, 0.1846



24.1059, 0.5025, 0.3379

Complementary

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



24.1059, 0.2693, 0.4860



7.6451, 0.4908, 0.2509

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.



24.1059, 0.4363, 0.2739



24.1059, 0.2693, 0.4860



24.1059, 0.2388, 0.1902

Square

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



24.1059, 0.2693, 0.4860



24.1059, 0.1496, 0.2093



24.1059, 0.3328, 0.2217



24.1059, 0.5023, 0.4073

Rectangle

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



24.1059, 0.2693, 0.4860



24.1059, 0.1628, 0.3053



24.1059, 0.3328, 0.2217



24.1059, 0.4873, 0.3158

Sweetspot

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



24.1069, 0.2693, 0.4860



50.8525, 0.2888, 0.3682



25.0750, 0.3370, 0.5674



11.3236, 0.2859, 0.3744



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



24.1069, 0.2693, 0.4860



42.9871, 0.2711, 0.4958



25.0299, 0.2239, 0.3240



6.9763, 0.3050, 0.3399



19.3044, 0.2698, 0.4912



0.2960, 0.2491, 0.4168

Inverse Universe

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



7.6451, 0.4908, 0.2509



13.3476, 0.5045, 0.2553



7.1637, 0.6304, 0.3311



6.2699, 0.3212, 0.3183



6.0109, 0.4985, 0.2520



0.0972, 0.4098, 0.2031

Previews

White Background



This preview shows how the Yxy color 24.1059, 0.2693, 0.4860 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 24.1059, 0.2693, 0.4860 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 24.1059, 0.2693, 0.4860

Background



This preview shows how black text looks on a background with the Yxy color 24.1059, 0.2693, 0.4860.



This preview shows how white text looks on a background with the Yxy color 24.1059, 0.2693, 0.4860.

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

24.1059, 0.2693, 0.4860

Protanopia

23.7612, 0.3920, 0.4267

Deuteranopia

23.6501, 0.3965, 0.3897



Tritanopia

23.9259, 0.2329, 0.3062

Trichromacy



Original Color

24.1059, 0.2693, 0.4860



Protanomaly

22.3829, 0.3243, 0.4573



Deuteranomaly

21.8081, 0.3259, 0.4303



Tritanomaly

23.5649, 0.2433, 0.3657

Monochromacy



Original Color

24.1059, 0.2693, 0.4860



Achromatopsia

13.2868, 0.3127, 0.3290



Achromatomaly

15.6943, 0.2792, 0.3906

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1059, 0.2693, 0.4860 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(6, 155, 83)` looks like.

```
.text, #text, p{  
    color:rgb(6, 155, 83)  
}
```

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(6, 155, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 155, 83) }
```

Border

The CSS property to change the border of an element to Yxy 24.1059, 0.2693, 0.4860 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(6, 155, 83) }
```

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

```
.border{ border-color:rgb(6, 155, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 155, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 155, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 155, 83);  
box-shadow:4px 4px 4px 4px rgb(6, 155, 83)  
}
```


Background

The CSS property to change the background color of an element to Yxy 24.1059, 0.2693, 0.4860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 155, 83) }
```

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

```
.background{ background-color: rgb(6, 155,  
83) }
```

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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