

Converting Colors

$Y_{xy}(25.9303, 0.3502, 0.4853)$

Have a look what the booklet for
Yxy(25.9303, 0.3502, 0.4853)
contains.

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Color

Yxy(26.0028, 0.3509, 0.4860)

Conversions

Conversions Part 1

Format	Color
Hex	71973F
RGB	113, 151, 63
RGB Percent	44%, 59%, 25%
CMY	0.5568, 0.4078, 0.7531
CMYK	0.25, 0.00, 0.58, 0.41
HSL	86°, 41%, 42%
HSV	86°, 58%, 59%
XYZ	18.7744, 26.0028, 8.7265
YIQ	129.6060, 5.6000, -35.4240

Conversions

Conversions Part 2

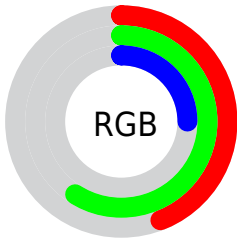
Format	Color
RYB	63, 151, 101
Decimal	7444287
CIELab	58.04, -27.94, 41.43
CIELCh	58, 49.969, 124.003
Yxy	26.0028, 0.3509, 0.4860
Android (android.graphics.Color)	4285634367 (0xFF71973F)
YUV	129.6060, -32.8368, -14.5635
Hunter-Lab	50.9929, -23.5180, 25.5487

Details

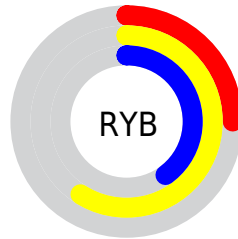
The Yxy color $26.0028, 0.3509, 0.4860$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $8.5492, 0.2469, 0.1659$, and the grayscale version is $22.2936, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.0930, 0.3461, 0.4503$, and $10.1284, 0.3521, 0.5456$ is the 20% darker color. If you saturate the color by 10%, you get $25.4409, 0.3534, 0.5108$, and if you desaturate by 10%, it is $26.6443, 0.3466, 0.4588$.

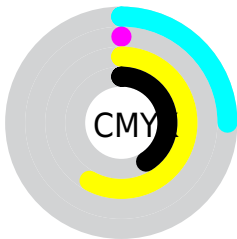
Distribution



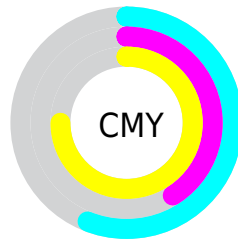
- Red (44%)
- Green (59%)
- Blue (25%)



- Red (25%)
- Yellow (59%)
- Blue (40%)



- Cyan (25%)
- Magenta (0%)
- Yellow (58%)
- Black (41%)




- Cyan (56%)
- Magenta (41%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0028, 0.3509, 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 26.0028, 0.3509, 0.4860 by changing the saturation by 10% instead.


 26.0028, 0.3509,
0.4860


 26.0028, 0.3509,
0.4860


282.7958, 0.3343,
0.3969


 16.8257, 0.3528,
0.5113


 53.2795, 0.3461,
0.4512

 10.1103, 0.3531,
0.5452


 72.1479, 0.3439,
0.4388


 5.4722, 0.3513,
0.5960

 95.0155, 0.3418,
0.4287

 2.5269, 0.3352,
0.6648

 122.2667, 0.3400,
0.4202

 0.8900, 0.1554,
0.8446

 154.2860, 0.3383,
0.4130

 0.0000, 0.0000,
0.0000

191.4577, 0.3368,

0.4069

234.1661, 0.3355,
0.4016

■ 26.0028, 0.3509,
0.4860

■ 26.0028, 0.3509,
0.4860

■ 25.4409, 0.3534,
0.5108

■ 26.6443, 0.3466,
0.4588

■ 24.9507, 0.3537,
0.5319

■ 27.3661, 0.3408,
0.4305

■ 24.5280, 0.3518,
0.5484

■ 28.1730, 0.3340,
0.4023

■ 24.1634, 0.3481,
0.5604

■ 29.0685, 0.3267,
0.3749

■ 24.1050, 0.3474,
0.5624

■ 30.0559, 0.3190,
0.3491

■ 31.1381, 0.3114,
0.3251

■ 32.3182, 0.3040,
0.3031

■ 33.5988, 0.2969,
0.2831

■ 34.9825, 0.2902,
0.2651

Harmonies

Analogous

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



26.0028, 0.4245, 0.4616



26.0028, 0.3509, 0.4860



26.0028, 0.2714, 0.4500

Triad

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



26.0028, 0.3509, 0.4860



26.0028, 0.1723, 0.2243



26.0028, 0.4232, 0.2881

Complementary

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



26.0028, 0.3509, 0.4860



8.5492, 0.2469, 0.1659

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.



26.0028, 0.3390, 0.2403



26.0028, 0.3509, 0.4860



26.0028, 0.2000, 0.2037

Square

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



26.0028, 0.3509, 0.4860



26.0028, 0.1741, 0.2779



26.0028, 0.2573, 0.2104



26.0028, 0.4744, 0.3461

Rectangle

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



26.0028, 0.3509, 0.4860



26.0028, 0.2259, 0.3948



26.0028, 0.2573, 0.2104



26.0028, 0.3971, 0.2706

Sweetspot

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



26.0039, 0.3509, 0.4860



52.2199, 0.3259, 0.3724



15.9845, 0.4436, 0.3900



11.7993, 0.3273, 0.3772



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.



26.0039, 0.3509, 0.4860



45.2749, 0.3537, 0.5178



23.8055, 0.3098, 0.5082



7.0901, 0.3198, 0.3514



20.5233, 0.3478, 0.5620



0.3283, 0.3789, 0.5373

Inverse Universe

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



8.5492, 0.2469, 0.1659



10.9859, 0.2280, 0.1314



11.6846, 0.3081, 0.1914



6.1501, 0.3052, 0.3065



2.8776, 0.1919, 0.0831



0.0639, 0.2407, 0.1100

Previews

White Background



This preview shows how the Yxy color 26.0028, 0.3509, 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 26.0028, 0.3509, 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 26.0028, 0.3509, 0.4860

Background



This preview shows how black text looks on a background with the Yxy color 26.0028, 0.3509, 0.4860.



This preview shows how white text looks on a background with the Yxy color 26.0028, 0.3509, 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

26.0028, 0.3509, 0.4860

Protanopia

25.7496, 0.4118, 0.4505

Deuteranopia

25.5778, 0.4298, 0.4214



Tritanopia

26.0059, 0.2850, 0.3104

Trichromacy



Original Color

26.0028, 0.3509, 0.4860

Protanomaly

25.5466, 0.3895, 0.4639

Deuteranomaly

25.3426, 0.4000, 0.4448

Tritanomaly

25.6718, 0.3117, 0.3738

Monochromacy



Original Color

26.0028, 0.3509, 0.4860

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.5027, 0.3299, 0.3877

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0028, 0.3509, 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(113, 151, 63)` looks like.

```
.text, #text, p{  
    color:rgb(113, 151, 63)  
}
```

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(113, 151, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 151, 63) }
```

Border

The CSS property to change the border of an element to Yxy 26.0028, 0.3509, 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(113, 151, 63) }
```

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

```
.border{ border-color:rgb(113, 151, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 151, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 151, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 151, 63);  
box-shadow:4px 4px 4px 4px rgb(113, 151,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0028, 0.3509, 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(113, 151, 63) }
```

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

```
.background{ background-color: rgb(113,  
151, 63) }
```

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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