

Converting Colors

$Y_{xy}(26.5830, 0.3766, 0.4655)$

Have a look what the booklet for
Yxy(26.5830, 0.3766, 0.4655)
contains.

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Color

Yxy(26.7124, 0.3760, 0.4664)

Conversions

Conversions Part 1

Format	Color
Hex	879441
RGB	135, 148, 65
RGB Percent	53%, 58%, 25%
CMY	0.4706, 0.4196, 0.7450
CMYK	0.09, 0.00, 0.56, 0.42
HSL	69°, 39%, 42%
HSV	69°, 56%, 58%
XYZ	21.5349, 26.7124, 9.0263
YIQ	134.6510, 18.8950, -28.5690

Conversions

Conversions Part 2

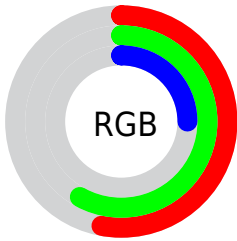
Format	Color
RYB	65, 148, 78
Decimal	8885313
CIELab	58.71, -17.20, 41.60
CIELCh	59, 45.014, 112.461
Yxy	26.7124, 0.3760, 0.4664
Android (android.graphics.Color)	4287075393 (0xFF879441)
YUV	134.6510, -34.3379, 0.3061
Hunter-Lab	51.6840, -16.0726, 25.8242

Details

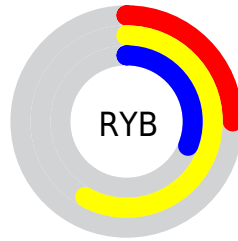
The Yxy color **26.7124, 0.3760, 0.4664** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.5442, 0.2216, 0.1610**, and the grayscale version is **24.2177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4492, 0.3653, 0.4370**, and **10.4174, 0.3898, 0.5130** is the 20% darker color. If you saturate the color by 10%, you get **26.3734, 0.3836, 0.4866**, and if you desaturate by 10%, it is **27.1030, 0.3665, 0.4435**.

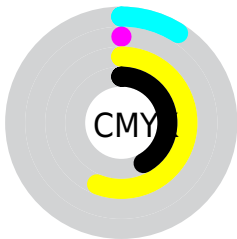
Distribution



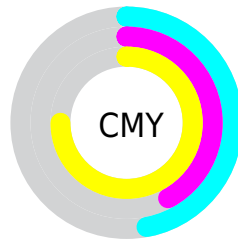
- Red (53%)
- Green (58%)
- Blue (25%)



- Red (25%)
- Yellow (58%)
- Blue (31%)



- Cyan (9%)
- Magenta (0%)
- Yellow (56%)
- Black (42%)



- Cyan (47%)
- Magenta (42%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7124, 0.3760, 0.4664 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 26.7124, 0.3760, 0.4664 by changing the saturation by 10% instead.


 26.7124, 0.3760,
0.4664


 26.7124, 0.3760,
0.4664


286.2619, 0.3449,
0.3906


 17.3573, 0.3823,
0.4869


 54.4220, 0.3654,
0.4374


 10.4896, 0.3889,
0.5135

 73.5454, 0.3612,
0.4270

 5.7248, 0.3957,
0.5511

 96.6936, 0.3575,
0.4183

 2.6785, 0.3972,
0.6028

 124.2511, 0.3543,
0.4110

 0.9663, 0.3394,
0.6606

 156.6023, 0.3515,
0.4047

 0.0000, 0.0000,
0.0000

194.1316, 0.3490,

0.3994

237.2233, 0.3469,
0.3947

■ 26.7124, 0.3760,
0.4664

■ 26.7124, 0.3760,
0.4664

■ 26.3734, 0.3836,
0.4866

■ 27.1030, 0.3665,
0.4435

■ 26.0787, 0.3889,
0.5031

■ 27.5448, 0.3557,
0.4189

■ 25.8253, 0.3918,
0.5155

■ 28.0419, 0.3440,
0.3934

■ 25.6072, 0.3924,
0.5238

■ 28.5971, 0.3320,
0.3681

■ 25.5255, 0.3924,
0.5267

■ 29.2128, 0.3199,
0.3434

■ 29.8915, 0.3081,
0.3199

■ 30.6352, 0.2969,
0.2979

■ 31.4463, 0.2863,
0.2776

■ 32.3266, 0.2764,
0.2590

Harmonies

Analogous

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



26.7124, 0.4350, 0.4333



26.7124, 0.3760, 0.4664



26.7124, 0.3038, 0.4547

Triad

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



26.7124, 0.3760, 0.4664



26.7124, 0.1821, 0.2503



26.7124, 0.3845, 0.2741

Complementary

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



26.7124, 0.3760, 0.4664



7.5442, 0.2216, 0.1610

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.



26.7124, 0.3069, 0.2355



26.7124, 0.3760, 0.4664



26.7124, 0.1973, 0.2194

Square

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



26.7124, 0.3760, 0.4664



26.7124, 0.1953, 0.3112



26.7124, 0.2398, 0.2159



26.7124, 0.4448, 0.3250

Rectangle

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



26.7124, 0.3760, 0.4664



26.7124, 0.2580, 0.4169



26.7124, 0.2398, 0.2159



26.7124, 0.3590, 0.2595

Sweetspot

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



26.7136, 0.3760, 0.4664



50.3226, 0.3335, 0.3713



12.0532, 0.4609, 0.3503



11.4464, 0.3357, 0.3758



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.



26.7136, 0.3760, 0.4664



46.4051, 0.3850, 0.4907



23.9473, 0.3307, 0.4898



6.6991, 0.3237, 0.3510



21.8105, 0.3925, 0.5265



0.2769, 0.4065, 0.5155

Inverse Universe

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



7.5442, 0.2216, 0.1610



9.1890, 0.1989, 0.1235



9.8419, 0.2757, 0.1829



5.6741, 0.3012, 0.3063



1.9924, 0.1580, 0.0644



0.0327, 0.1880, 0.0809

Previews

White Background



This preview shows how the Yxy color 26.7124, 0.3760, 0.4664 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 26.7124, 0.3760, 0.4664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

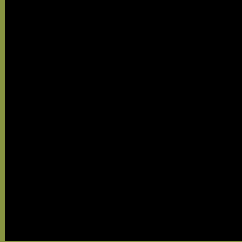
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7124, 0.3760, 0.4664

Background



This preview shows how black text looks on a background with the Yxy color 26.7124, 0.3760, 0.4664.



This preview shows how white text looks on a background with the Yxy color 26.7124, 0.3760, 0.4664.

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

26.7124, 0.3760, 0.4664

Protanopia

26.5767, 0.4092, 0.4470

Deuteranopia

26.4785, 0.4305, 0.4213



Tritanopia

26.5965, 0.3071, 0.3113

Trichromacy



Original Color

26.7124, 0.3760, 0.4664

Protanomaly

26.7062, 0.3963, 0.4544

Deuteranomaly

26.3562, 0.4103, 0.4365

Tritanomaly

26.3406, 0.3350, 0.3679

Monochromacy



Original Color

26.7124, 0.3760, 0.4664

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

25.0329, 0.3380, 0.3814

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7124, 0.3760, 0.4664 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(135, 148, 65)` looks like.

```
.text, #text, p{  
    color:rgb(135, 148, 65)  
}
```

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(135, 148, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 148, 65) }
```

Border

The CSS property to change the border of an element to Yxy 26.7124, 0.3760, 0.4664 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(135, 148, 65) }
```

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

```
.border{ border-color:rgb(135, 148, 65) }
```

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

Here you see how a box with a 4 pixel rgb(135, 148, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 148, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 148, 65);  
box-shadow:4px 4px 4px 4px rgb(135, 148,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7124, 0.3760, 0.4664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 148, 65) }
```

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

```
.background{ background-color: rgb(135,  
148, 65) }
```

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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