

Converting Colors

$Y_{xy}(26.9148, 0.3665, 0.4741)$

Have a look what the booklet for
Yxy(26.9148, 0.3665, 0.4741)
contains.

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Color

Yxy(26.7835, 0.3667, 0.4730)

Conversions

Conversions Part 1

Format	Color
Hex	809641
RGB	128, 150, 65
RGB Percent	50%, 59%, 25%
CMY	0.4980, 0.4118, 0.7451
CMYK	0.15, 0.00, 0.57, 0.41
HSL	76°, 40%, 42%
HSV	76°, 57%, 59%
XYZ	20.7643, 26.7835, 9.0769
YIQ	133.7320, 14.1730, -31.0990

Conversions

Conversions Part 2

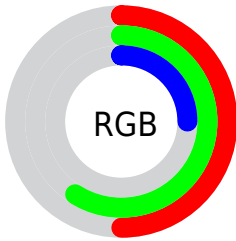
Format	Color
RYB	65, 150, 87
Decimal	8427073
CIELab	58.77, -21.16, 41.55
CIELCh	59, 46.630, 116.991
Yxy	26.7835, 0.3667, 0.4730
Android (android.graphics.Color)	4286617153 (0xFF809641)
YUV	133.7320, -33.8849, -5.0270
Hunter-Lab	51.7528, -18.9494, 25.8280

Details

The Yxy color **26.7835, 0.3667, 0.4730** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.0091, 0.2305, 0.1630**, and the grayscale version is **23.8610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5140, 0.3585, 0.4414**, and **10.4892, 0.3755, 0.5241** is the 20% darker color. If you saturate the color by 10%, you get **26.3381, 0.3724, 0.4950**, and if you desaturate by 10%, it is **27.2890, 0.3591, 0.4485**.

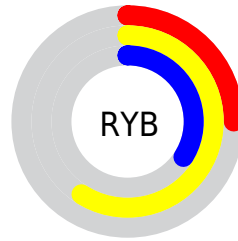
Distribution



Red (50%)

Green (59%)

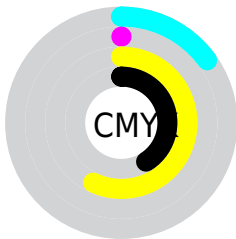
Blue (25%)



Red (25%)

Yellow (59%)

Blue (34%)

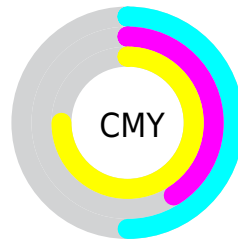


Cyan (15%)

Magenta (0%)

Yellow (57%)

Black (41%)



Cyan (50%)


Magenta (41%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7835, 0.3667, 0.4730 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 26.7835, 0.3667, 0.4730 by changing the saturation by 10% instead.


 26.7835, 0.3667,
0.4730


 26.7835, 0.3667,
0.4730


286.6073, 0.3410,
0.3928


 17.4107, 0.3715,
0.4951


 54.5363, 0.3582,
0.4421


 10.5277, 0.3758,
0.5240


 73.6850, 0.3547,
0.4310

 5.7502, 0.3793,
0.5654

 96.8612, 0.3517,
0.4218

 2.6938, 0.3758,
0.6242

 124.4492, 0.3490,
0.4142

 0.9741, 0.2945,
0.7055

 156.8334, 0.3466,
0.4076

 0.0000, 0.0000,
0.0000

194.3982, 0.3445,

0.4020

237.5281, 0.3427,
0.3971

■ 26.7835, 0.3667,
0.4730

■ 26.7835, 0.3667,
0.4730

■ 26.3381, 0.3724,
0.4950

■ 27.2890, 0.3591,
0.4485

■ 25.9453, 0.3758,
0.5134

■ 27.8544, 0.3502,
0.4225

■ 25.6019, 0.3768,
0.5276

■ 28.4841, 0.3403,
0.3960

■ 25.3009, 0.3755,
0.5375

■ 29.1810, 0.3300,
0.3700

■ 25.2051, 0.3750,
0.5405

■ 29.9477, 0.3196,
0.3449

■ 30.7870, 0.3093,
0.3213

■ 31.7010, 0.2995,
0.2994

■ 32.6922, 0.2902,
0.2792

■ 33.7627, 0.2814,
0.2609

Harmonies

Analogous

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



26.7835, 0.4310, 0.4432



26.7835, 0.3667, 0.4730



26.7835, 0.2920, 0.4528

Triad

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



26.7835, 0.3667, 0.4730



26.7835, 0.1789, 0.2408



26.7835, 0.3983, 0.2796

Complementary

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



26.7835, 0.3667, 0.4730



8.0091, 0.2305, 0.1630

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.



26.7835, 0.3185, 0.2377



26.7835, 0.3667, 0.4730



26.7835, 0.1987, 0.2139

Square

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



26.7835, 0.3667, 0.4730



26.7835, 0.1877, 0.2989



26.7835, 0.2464, 0.2142



26.7835, 0.4553, 0.3330

Rectangle

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



26.7835, 0.3667, 0.4730



26.7835, 0.2463, 0.4088



26.7835, 0.2464, 0.2142



26.7835, 0.3726, 0.2639

Sweetspot

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



26.7847, 0.3667, 0.4730



51.4116, 0.3307, 0.3717



13.5621, 0.4541, 0.3648



11.3436, 0.3325, 0.3763



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.



26.7847, 0.3667, 0.4730



46.2865, 0.3735, 0.5003



24.1849, 0.3225, 0.4961



6.6700, 0.3222, 0.3511



20.9205, 0.3753, 0.5402



0.2702, 0.3973, 0.5228

Inverse Universe

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



8.0091, 0.2305, 0.1630



9.8255, 0.2085, 0.1259



10.6310, 0.2875, 0.1862



5.7012, 0.3027, 0.3064



2.1945, 0.1674, 0.0696



0.0394, 0.2096, 0.0929

Previews

White Background



This preview shows how the Yxy color 26.7835, 0.3667, 0.4730 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 26.7835, 0.3667, 0.4730 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 26.7835, 0.3667, 0.4730

Background



This preview shows how black text looks on a background with the Yxy color 26.7835, 0.3667, 0.4730.



This preview shows how white text looks on a background with the Yxy color 26.7835, 0.3667, 0.4730.

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

26.7835, 0.3667, 0.4730

Protanopia

26.5657, 0.4100, 0.4482

Deuteranopia

26.4785, 0.4305, 0.4213



Tritanopia

26.7200, 0.2989, 0.3110

Trichromacy



Original Color

26.7835, 0.3667, 0.4730

Protanomaly

26.4164, 0.3935, 0.4575

Deuteranomaly

26.3416, 0.4058, 0.4395

Tritanomaly

26.3709, 0.3258, 0.3704

Monochromacy



Original Color

26.7835, 0.3667, 0.4730

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.7658, 0.3356, 0.3838

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7835, 0.3667, 0.4730 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(128, 150, 65)` looks like.

```
.text, #text, p{  
    color:rgb(128, 150, 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(128, 150, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 150, 65) }
```

Border

The CSS property to change the border of an element to Yxy 26.7835, 0.3667, 0.4730 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(128, 150, 65) }
```

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

```
.border{ border-color:rgb(128, 150, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 150, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 150, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 150, 65);  
box-shadow:4px 4px 4px 4px rgb(128, 150,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7835, 0.3667, 0.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 150, 65) }
```

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

```
.background{ background-color: rgb(128,  
150, 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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