

Converting Colors

$Y_{xy}(26.6634, 0.3593, 0.4704)$

Have a look what the booklet for
Yxy(26.6634, 0.3593, 0.4704)
contains.

Yxy(26.5274, 0.3592, 0.4695)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.5274, 0.3592, 0.4695)

Conversions

Conversions Part 1

Format	Color
Hex	7C9645
RGB	124, 150, 69
RGB Percent	49%, 59%, 27%
CMY	0.5136, 0.4118, 0.7295
CMYK	0.17, 0.00, 0.54, 0.41
HSL	79°, 37%, 43%
HSV	79°, 54%, 59%
XYZ	20.2953, 26.5274, 9.6787
YIQ	132.9920, 10.5050, -30.7030

Conversions

Conversions Part 2

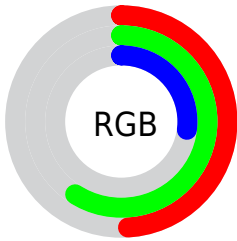
Format	Color
RYB	69, 150, 95
Decimal	8164933
CIELab	58.53, -22.42, 39.25
CIElCh	59, 45.200, 119.733
Yxy	26.5274, 0.3592, 0.4695
Android (android.graphics.Color)	4286355013 (0xFF7C9645)
YUV	132.9920, -31.5481, -7.8860
Hunter-Lab	51.5048, -19.7959, 24.9117

Details

The Yxy color **26.5274, 0.3592, 0.4695** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8.8875, 0.2414, 0.1737**, and the grayscale version is **23.5684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0068, 0.3516, 0.4382**, and **10.3872, 0.3673, 0.5207** is the 20% darker color. If you saturate the color by 10%, you get **26.0156, 0.3643, 0.4934**, and if you desaturate by 10%, it is **27.1061, 0.3523, 0.4435**.

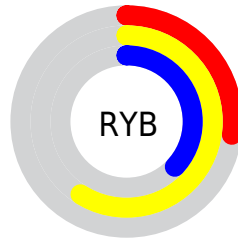
Distribution



Red (49%)

Green (59%)

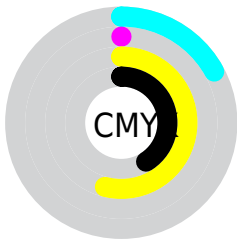
Blue (27%)



Red (27%)

Yellow (59%)

Blue (37%)

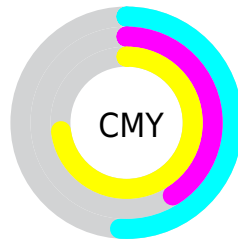


Cyan (17%)

Magenta (0%)

Yellow (54%)

Black (41%)



Cyan (51%)


Magenta (41%)

Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5274, 0.3592, 0.4695 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 26.5274, 0.3592, 0.4695 by changing the saturation by 10% instead.

 26.5274, 0.3592,
0.4695


 26.5274, 0.3592,
0.4695

285.3615, 0.3372,
0.3907


 17.2186, 0.3632,
0.4917


 54.1246, 0.3520,
0.4389


 10.3905, 0.3667,
0.5211


 73.1817, 0.3490,
0.4280

 5.6586, 0.3684,
0.5625

 96.2571, 0.3464,
0.4190

 2.6386, 0.3681,
0.6319

 123.7351, 0.3441,
0.4114

 0.9461, 0.2705,
0.7295

 156.0002, 0.3420,
0.4051

 0.0000, 0.0000,
0.0000

193.4367, 0.3402,

0.3996

236.4290, 0.3386,
0.3948

■ 26.5274, 0.3592,
0.4695

■ 26.5274, 0.3592,
0.4695

■ 26.0156, 0.3643,
0.4934

■ 27.1061, 0.3523,
0.4435

■ 25.5633, 0.3674,
0.5142

■ 27.7517, 0.3442,
0.4165

■ 25.1673, 0.3680,
0.5307

■ 28.4686, 0.3352,
0.3895

■ 24.8223, 0.3663,
0.5426

■ 29.2597, 0.3259,
0.3633

■ 24.6315, 0.3647,
0.5486

■ 30.1277, 0.3164,
0.3385

■ 31.0753, 0.3072,
0.3153

■ 32.1049, 0.2984,
0.2940

■ 33.2190, 0.2900,
0.2745

■ 34.4197, 0.2821,
0.2569

Harmonies

Analogous

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



26.5274, 0.4235, 0.4446



26.5274, 0.3592, 0.4695



26.5274, 0.2863, 0.4443

Triad

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



26.5274, 0.3592, 0.4695



26.5274, 0.1826, 0.2395



26.5274, 0.4025, 0.2853

Complementary

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



26.5274, 0.3592, 0.4695



8.8875, 0.2414, 0.1737

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.



26.5274, 0.3256, 0.2429



26.5274, 0.3592, 0.4695



26.5274, 0.2045, 0.2156

Square

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



26.5274, 0.3592, 0.4695



26.5274, 0.1887, 0.2935



26.5274, 0.2537, 0.2181



26.5274, 0.4544, 0.3383

Rectangle

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



26.5274, 0.3592, 0.4695



26.5274, 0.2427, 0.3993



26.5274, 0.2537, 0.2181



26.5274, 0.3781, 0.2696

Sweetspot

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



26.5286, 0.3592, 0.4695



51.3045, 0.3280, 0.3693



15.0333, 0.4390, 0.3727



11.3120, 0.3297, 0.3740



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.



26.5286, 0.3592, 0.4695



45.7227, 0.3652, 0.4985



24.1189, 0.3175, 0.4902



6.6524, 0.3213, 0.3512



20.4472, 0.3651, 0.5483



0.2661, 0.3913, 0.5275

Inverse Universe

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



8.8875, 0.2414, 0.1737



11.2014, 0.2211, 0.1377



11.6198, 0.2969, 0.1955



5.7178, 0.3036, 0.3065



2.3650, 0.1750, 0.0738



0.0435, 0.2218, 0.0996

Previews

White Background



This preview shows how the Yxy color 26.5274, 0.3592, 0.4695 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 26.5274, 0.3592, 0.4695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

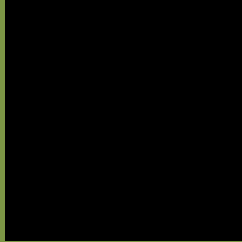
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5274, 0.3592, 0.4695

Background



This preview shows how black text looks on a background with the Yxy color 26.5274, 0.3592, 0.4695.



This preview shows how white text looks on a background with the Yxy color 26.5274, 0.3592, 0.4695.

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

26.5274, 0.3592, 0.4695

Protanopia

26.5110, 0.4055, 0.4439

Deuteranopia

26.3019, 0.4244, 0.4174



Tritanopia

26.3851, 0.2948, 0.3108

Trichromacy



Original Color

26.5274, 0.3592, 0.4695

Protanomaly

26.2811, 0.3879, 0.4534

Deuteranomaly

26.1926, 0.3999, 0.4353

Tritanomaly

26.0975, 0.3194, 0.3673

Monochromacy



Original Color

26.5274, 0.3592, 0.4695

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.3369, 0.3325, 0.3807

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5274, 0.3592, 0.4695 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(124, 150, 69)` looks like.

```
.text, #text, p{  
    color:rgb(124, 150, 69)  
}
```

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(124, 150, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 150, 69) }
```

Border

The CSS property to change the border of an element to Yxy 26.5274, 0.3592, 0.4695 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(124, 150, 69) }
```

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

```
.border{ border-color:rgb(124, 150, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 150, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 150, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 150, 69);  
box-shadow:4px 4px 4px 4px rgb(124, 150,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5274, 0.3592, 0.4695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 150, 69) }
```

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

```
.background{ background-color: rgb(124,  
150, 69) }
```

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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