

Converting Colors

$Y_{xy}(26.1809, 0.3738, 0.4963)$

Have a look what the booklet for
Yxy(26.1809, 0.3738, 0.4963)
contains.

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Color

Yxy(26.3112, 0.3734, 0.4974)

Conversions

Conversions Part 1

Format	Color
Hex	7C9630
RGB	124, 150, 48
RGB Percent	49%, 59%, 19%
CMY	0.5137, 0.4117, 0.8117
CMYK	0.17, 0.00, 0.68, 0.41
HSL	75°, 52%, 39%
HSV	75°, 68%, 59%
XYZ	19.7519, 26.3112, 6.8344
YIQ	130.5980, 17.2460, -37.2340

Conversions

Conversions Part 2

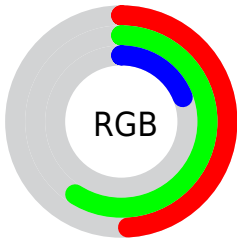
Format	Color
RYB	48, 150, 74
Decimal	8164912
CIELab	58.33, -24.23, 48.67
CIElCh	58, 54.373, 116.467
Yxy	26.3112, 0.3734, 0.4974
Android (android.graphics.Color)	4286354992 (0xFF7C9630)
YUV	130.5980, -40.7208, -5.7864
Hunter-Lab	51.2944, -21.0304, 28.0064

Details

The Yxy color **26.3112, 0.3734, 0.4974** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5.7731, 0.2103, 0.1293**, and the grayscale version is **22.6901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6895, 0.3651, 0.4614**, and **10.3014, 0.3745, 0.5408** is the 20% darker color. If you saturate the color by 10%, you get **25.9293, 0.3766, 0.5152**, and if you desaturate by 10%, it is **26.7484, 0.3679, 0.4759**.

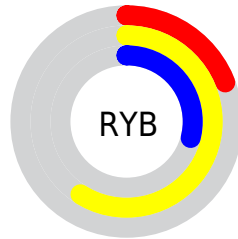
Distribution



Red (49%)

Green (59%)

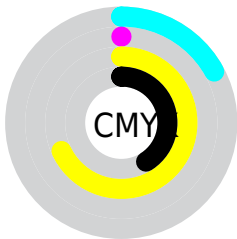
Blue (19%)



Red (19%)

Yellow (59%)

Blue (29%)

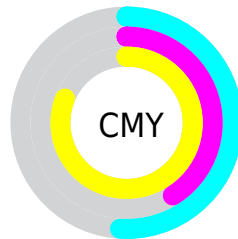


Cyan (17%)

Magenta (0%)

Yellow (68%)

Black (41%)



Cyan (51%)


Magenta (41%)


Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3112, 0.3734, 0.4974 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 26.3112, 0.3734, 0.4974 by changing the saturation by 10% instead.


 26.3112, 0.3734,
0.4974


 26.3112, 0.3734,
0.4974

284.3064, 0.3460,
0.4041


 17.0566, 0.3773,
0.5222


 53.7766, 0.3651,
0.4619


 10.2749, 0.3793,
0.5538


 72.7561, 0.3614,
0.4489


 5.5816, 0.3870,
0.6116

 95.7461, 0.3580,
0.4382

 2.5924, 0.3573,
0.6427

 123.1309, 0.3550,
0.4292

 0.9228, 0.2360,
0.7640

 155.2950, 0.3524,
0.4215

 0.0000, 0.0000,
0.0000

 192.6226, 0.3500,

0.4149

235.4983, 0.3479,
0.4091

■ 26.3112, 0.3734,
0.4974

■ 26.3112, 0.3734,
0.4974

■ 25.9293, 0.3766,
0.5152

■ 26.7484, 0.3679,
0.4759

■ 25.5946, 0.3773,
0.5287

■ 27.2413, 0.3605,
0.4517

■ 25.2998, 0.3759,
0.5382

■ 27.7946, 0.3517,
0.4259

■ 25.2428, 0.3756,
0.5400

■ 28.4114, 0.3419,
0.3995

■ 29.0948, 0.3315,
0.3734

■ 29.8473, 0.3210,
0.3482

■ 30.6717, 0.3107,
0.3244

■ 31.5702, 0.3007,
0.3022

■ 32.5452, 0.2912,
0.2818

Harmonies

Analogous

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



26.3112, 0.4479, 0.4568



26.3112, 0.3734, 0.4974



26.3112, 0.2878, 0.4784

Triad

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



26.3112, 0.3734, 0.4974



26.3112, 0.1605, 0.2269



26.3112, 0.4112, 0.2705

Complementary

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



26.3112, 0.3734, 0.4974



5.7731, 0.2103, 0.1293

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.



26.3112, 0.3168, 0.2241



26.3112, 0.3734, 0.4974



26.3112, 0.1820, 0.1976

Square

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



26.3112, 0.3734, 0.4974



26.3112, 0.1700, 0.2932



26.3112, 0.2345, 0.1983



26.3112, 0.4789, 0.3297

Rectangle

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



26.3112, 0.3734, 0.4974



26.3112, 0.2356, 0.4257



26.3112, 0.2345, 0.1983



26.3112, 0.3805, 0.2532

Sweetspot

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



26.3124, 0.3734, 0.4974



51.0426, 0.3340, 0.3796



11.5299, 0.4967, 0.3688



11.2432, 0.3366, 0.3862



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.



26.3124, 0.3734, 0.4974



45.4149, 0.3773, 0.5234



23.4638, 0.3214, 0.5301



6.6710, 0.3223, 0.3511



20.9504, 0.3759, 0.5397



0.2705, 0.3976, 0.5225

Inverse Universe

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



5.7731, 0.2103, 0.1293



6.5935, 0.1857, 0.0924



8.6395, 0.2803, 0.1620



5.7002, 0.3026, 0.3064



2.1855, 0.1669, 0.0693



0.0391, 0.2089, 0.0924

Previews

White Background



This preview shows how the Yxy color 26.3112, 0.3734, 0.4974 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 26.3112, 0.3734, 0.4974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

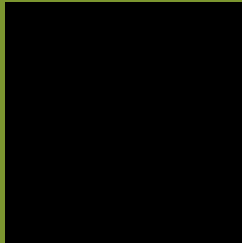
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3112, 0.3734, 0.4974

Background



This preview shows how black text looks on a background with the Yxy color 26.3112, 0.3734, 0.4974.



This preview shows how white text looks on a background with the Yxy color 26.3112, 0.3734, 0.4974.

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

26.3112, 0.3734, 0.4974

Protanopia

26.1137, 0.4232, 0.4651

Deuteranopia

26.0401, 0.4443, 0.4364



Tritanopia

26.1414, 0.2967, 0.3108

Trichromacy



Original Color

26.3112, 0.3734, 0.4974

Protanomaly

26.1635, 0.4043, 0.4777

Deuteranomaly

25.7811, 0.4183, 0.4577

Tritanomaly

25.9867, 0.3284, 0.3815

Monochromacy



Original Color

26.3112, 0.3734, 0.4974

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.7057, 0.3398, 0.3960

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3112, 0.3734, 0.4974 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, 48)` looks like.

```
.text, #text, p{  
    color:rgb(124, 150, 48)  
}
```

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, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 150, 48) }
```

Border

The CSS property to change the border of an element to Yxy 26.3112, 0.3734, 0.4974 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, 48) }
```

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

```
.border{ border-color:rgb(124, 150, 48) }
```

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, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 150, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 150, 48);  
box-shadow:4px 4px 4px 4px rgb(124, 150,  
48) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3112, 0.3734, 0.4974 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, 48) }
```

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

```
.background{ background-color: rgb(124,  
150, 48) }
```

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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