

Converting Colors

$Yxy(24.1288, 0.3879, 0.5302)$

Have a look what the booklet for
Yxy(24.1288, 0.3879, 0.5302)
contains.

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Color

Yxy(24.1023, 0.3874, 0.5306)

Conversions

Conversions Part 1

Format	Color
Hex	769100
RGB	118, 145, 0
RGB Percent	46%, 57%, 0%
CMY	0.5372, 0.4314, 0.9999
CMYK	0.19, 0.00, 1.00, 0.43
HSL	71°, 100%, 28%
HSV	71°, 100%, 57%
XYZ	17.5975, 24.1023, 3.7248
YIQ	120.3970, 30.4530, -50.8190

Conversions

Conversions Part 2

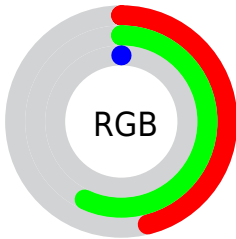
Format	Color
RYB	0, 145, 27
Decimal	7770368
CIELab	56.19, -26.19, 59.54
CIELCh	56, 65.046, 113.742
Yxy	24.1023, 0.3874, 0.5306
Android (android.graphics.Color)	4285960448 (0xFF769100)
YUV	120.3970, -59.3557, -2.1022
Hunter-Lab	49.0941, -21.9324, 29.8675

Details

The Yxy color **24.1023, 0.3874, 0.5306** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.2778, 0.1600, 0.0655**, and the grayscale version is **19.1049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2877, 0.3795, 0.4896**, and **9.1292, 0.3692, 0.5451** is the 20% darker color. If you saturate the color by 10%, you get **24.1032, 0.3874, 0.5306**, and if you desaturate by 10%, it is **24.3282, 0.3877, 0.5225**.

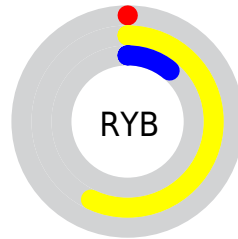
Distribution



Red (46%)

Green (57%)

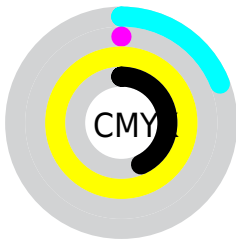
Blue (0%)



Red (0%)

Yellow (57%)

Blue (11%)

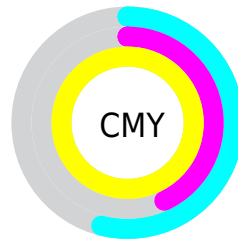


Cyan (19%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (54%)


Magenta (43%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1023, 0.3874, 0.5306 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 24.1023, 0.3874, 0.5306 by changing the saturation by 10% instead.


 24.1023, 0.3874,
0.5306


 24.1023, 0.3874,
0.5306


273.3373, 0.3564,
0.4204


 15.4095, 0.3892,
0.5574


 50.1971, 0.3795,
0.4900

 9.1073, 0.3908,
0.5961


 68.3679, 0.3754,
0.4747

 4.8112, 0.3735,
0.6265

 90.4668, 0.3714,
0.4618

 2.1369, 0.3366,
0.6634

 116.8783, 0.3678,
0.4509


 0.6853, 0.0172,
0.9828


 147.9867, 0.3645,
0.4416


 0.0000, 0.0000,
0.0000


 184.1764, 0.3615,


0.4336


 225.8318, 0.3588,
0.4266


 24.1023, 0.3874,
0.5306


 24.1023, 0.3874,
0.5306


 24.1032, 0.3874,
0.5306

 24.3282, 0.3877,
0.5225

 24.5811, 0.3863,
0.5112

 24.8732, 0.3824,
0.4956

 25.2089, 0.3761,
0.4761

 25.5917, 0.3679,
0.4537

■ 26.0249, 0.3581,
0.4292

■ 26.5113, 0.3472,
0.4037

■ 27.0537, 0.3357,
0.3780

■ 27.6546, 0.3241,
0.3530

Harmonies

Analogous

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



24.1023, 0.4757, 0.4678



24.1023, 0.3874, 0.5306



24.1023, 0.2867, 0.5248

Triad

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



24.1023, 0.3874, 0.5306



24.1023, 0.1342, 0.2098



24.1023, 0.4228, 0.2525

Complementary

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



24.1023, 0.3874, 0.5306



2.2778, 0.1600, 0.0655

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.



24.1023, 0.3058, 0.2016



24.1023, 0.3874, 0.5306



24.1023, 0.1554, 0.1752

Square

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



24.1023, 0.3874, 0.5306



24.1023, 0.1464, 0.2912



24.1023, 0.2114, 0.1745



24.1023, 0.5113, 0.3182

Rectangle

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



24.1023, 0.3874, 0.5306



24.1023, 0.2244, 0.4624



24.1023, 0.2114, 0.1745



24.1023, 0.3839, 0.2334

Sweetspot

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



24.1034, 0.3874, 0.5306



47.4187, 0.3479, 0.4053



6.7853, 0.6178, 0.3476



10.4741, 0.3521, 0.4149



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.1034, 0.3874, 0.5306



43.0940, 0.3867, 0.5311



20.8304, 0.3168, 0.5866



6.2354, 0.3232, 0.3509



20.6841, 0.3876, 0.5304



0.2062, 0.4039, 0.5175

Inverse Universe

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



2.2778, 0.1600, 0.0655



4.0207, 0.1586, 0.0647



4.7024, 0.2437, 0.1116



5.3003, 0.3017, 0.3065



1.9622, 0.1604, 0.0657



0.0260, 0.1944, 0.0845

Previews

White Background



This preview shows how the Yxy color 24.1023, 0.3874, 0.5306 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 24.1023, 0.3874, 0.5306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

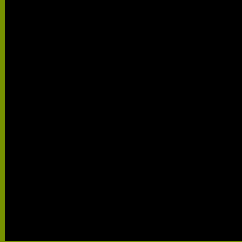
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1023, 0.3874, 0.5306

Background



This preview shows how black text looks on a background with the Yxy color 24.1023, 0.3874, 0.5306.



This preview shows how white text looks on a background with the Yxy color 24.1023, 0.3874, 0.5306.

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

24.1023, 0.3874, 0.5306

Protanopia

24.0033, 0.4401, 0.4888

Deuteranopia

24.0590, 0.4631, 0.4550



Tritanopia

24.1181, 0.2972, 0.3119

Trichromacy



Original Color

24.1023, 0.3874, 0.5306

Protanomaly

24.0407, 0.4205, 0.5043

Deuteranomaly

23.6700, 0.4362, 0.4828

Tritanomaly

23.6736, 0.3462, 0.4146

Monochromacy



Original Color

24.1023, 0.3874, 0.5306

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

20.1443, 0.3586, 0.4309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1023, 0.3874, 0.5306 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(118, 145, 0)` looks like.

```
.text, #text, p{  
    color:rgb(118, 145, 0)  
}
```

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(118, 145, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 145, 0) }
```

Border

The CSS property to change the border of an element to Yxy 24.1023, 0.3874, 0.5306 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(118, 145, 0) }
```

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

```
.border{ border-color:rgb(118, 145, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 145, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 145, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 145, 0);  
box-shadow:4px 4px 4px 4px rgb(118, 145,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1023, 0.3874, 0.5306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 145, 0) }
```

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

```
.background{ background-color: rgb(118,  
145, 0) }
```

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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