

Converting Colors

$Y_{xy}(11.0281, 0.3826, 0.4748)$

Have a look what the booklet for
Yxy(11.0281, 0.3826, 0.4748)
contains.

Yxy(11.0364, 0.3826, 0.4743)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.0364, 0.3826, 0.4743)

Conversions

Conversions Part 1

Format	Color
Hex	5A6224
RGB	90, 98, 36
RGB Percent	35%, 38%, 14%
CMY	0.6471, 0.6157, 0.8588
CMYK	0.08, 0.00, 0.63, 0.62
HSL	68°, 46%, 26%
HSV	68°, 63%, 38%
XYZ	8.9026, 11.0364, 3.3298
YIQ	88.5400, 15.1340, -20.9780

Conversions

Conversions Part 2

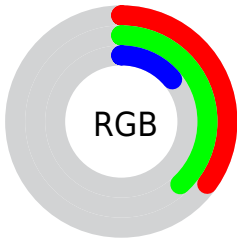
Format	Color
R_{YB}	36, 98, 44
Decimal	5923364
CIE _{Lab}	39.64, -12.76, 33.39
CIE _{LCh}	40, 35.747, 110.918
Yxy	11.0364, 0.3826, 0.4743
Android (android.graphics.Color)	4284113444 (0xFF5A6224)
YUV	88.5400, -25.9022, 1.2804
Hunter-Lab	33.2211, -10.3021, 17.3121

Details

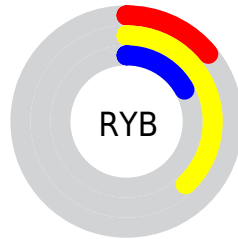
The Yxy color **11.0364, 0.3826, 0.4743** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2.6790, 0.2103, 0.1454**, and the grayscale version is **9.9391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8858, 0.3677, 0.4363**, and **2.9696, 0.3937, 0.5256** is the 20% darker color. If you saturate the color by 10%, you get **10.9221, 0.3894, 0.4917**, and if you desaturate by 10%, it is **11.1692, 0.3739, 0.4540**.

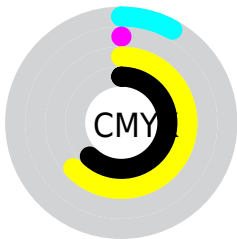
Distribution



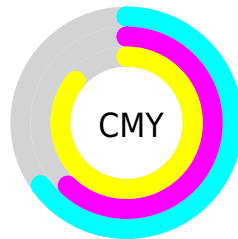
- Red (35%)
- Green (38%)
- Blue (14%)



- Red (14%)
- Yellow (38%)
- Blue (17%)



- Cyan (8%)
- Magenta (0%)
- Yellow (63%)
- Black (62%)





- Cyan (65%)
- Magenta (62%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0364, 0.3826, 0.4743 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 11.0364, 0.3826, 0.4743 by changing the saturation by 10% instead.

 11.0364, 0.3826,
0.4743


 11.0364, 0.3826,
0.4743


 197.9171, 0.3433,
0.3841


 6.0913, 0.3916,
0.5038

 27.7275, 0.3679,
0.4364


 2.9007, 0.4201,
0.5733


 40.2422, 0.3624,
0.4238

 1.0801, 0.3942,
0.6058

 56.0490, 0.3578,
0.4137

 0.0000, 0.0000,
0.0000

 75.5322, 0.3539,
0.4055

 99.0762, 0.3507,
0.3988

 127.0655, 0.3478,

0.3931

159.8843, 0.3454,
0.3883

11.0364, 0.3826,
0.4743

11.0364, 0.3826,
0.4743

10.9221, 0.3894,
0.4917

11.1692, 0.3739,
0.4540

10.8235, 0.3941,
0.5055

11.3202, 0.3636,
0.4316

10.7386, 0.3967,
0.5156

11.4910, 0.3524,
0.4078

10.6838, 0.3981,
0.5221

11.6826, 0.3405,
0.3836

11.8961, 0.3285,
0.3596

■ 12.1322, 0.3165,
0.3364

■ 12.3919, 0.3050,
0.3142

■ 12.6759, 0.2940,
0.2935

■ 12.9850, 0.2836,
0.2742

Harmonies

Analogous

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



11.0364, 0.4443, 0.4359



11.0364, 0.3826, 0.4743



11.0364, 0.3064, 0.4662

Triad

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



11.0364, 0.3826, 0.4743



11.0364, 0.1750, 0.2475



11.0364, 0.3850, 0.2683

Complementary

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



11.0364, 0.3826, 0.4743



2.6790, 0.2103, 0.1454

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.



11.0364, 0.3020, 0.2288



11.0364, 0.3826, 0.4743



11.0364, 0.1894, 0.2140

Square

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



11.0364, 0.3826, 0.4743



11.0364, 0.1900, 0.3135



11.0364, 0.2324, 0.2093



11.0364, 0.4512, 0.3210

Rectangle

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



11.0364, 0.3826, 0.4743



11.0364, 0.2576, 0.4273



11.0364, 0.2324, 0.2093



11.0364, 0.3574, 0.2533

Sweetspot

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



11.0369, 0.3826, 0.4743



20.6060, 0.3361, 0.3747



4.4688, 0.4828, 0.3464



4.8807, 0.3385, 0.3795



52.2522, 0.3127, 0.3290



5.0876, 0.3127, 0.3290

Same Dimension

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



11.0369, 0.3826, 0.4743



19.0497, 0.3921, 0.4990



9.8166, 0.3339, 0.5016



2.9539, 0.3232, 0.3493



14.2138, 0.3978, 0.5224



75.6655, 0.3964, 0.5234

Inverse Universe

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



2.6790, 0.2103, 0.1454



3.0204, 0.1848, 0.1045



3.6087, 0.2673, 0.1699



2.5298, 0.3018, 0.3081



1.2715, 0.1573, 0.0640



6.5637, 0.1541, 0.0623

Previews

White Background



This preview shows how the Yxy color 11.0364, 0.3826, 0.4743 looks on a white 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

Black Background



This preview shows how the Yxy color 11.0364, 0.3826, 0.4743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

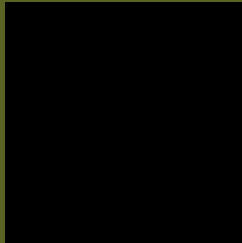
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0364, 0.3826, 0.4743

Background



This preview shows how black text looks on a background with the Yxy color 11.0364, 0.3826, 0.4743.



This preview shows how white text looks on a background with the Yxy color 11.0364, 0.3826, 0.4743.

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

11.0364, 0.3826, 0.4743

Protanopia

11.0698, 0.4124, 0.4559

Deuteranopia

11.0042, 0.4352, 0.4298



Tritanopia

11.0419, 0.3088, 0.3127

Trichromacy



Original Color

11.0364, 0.3826, 0.4743

Protanomaly

10.9584, 0.4025, 0.4623

Deuteranomaly

10.9200, 0.4169, 0.4446

Tritanomaly

10.9069, 0.3393, 0.3729

Monochromacy



Original Color

11.0364, 0.3826, 0.4743

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.2203, 0.3408, 0.3848

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0364, 0.3826, 0.4743 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(90, 98, 36) looks like.

```
.text, #text, p{  
    color:rgb(90, 98, 36)  
}
```

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(90, 98, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 98, 36) }
```

Border

The CSS property to change the border of an element to Yxy 11.0364, 0.3826, 0.4743 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(90, 98, 36) }
```

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

```
.border{ border-color:rgb(90, 98, 36) }
```

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

Here you see how a box with a 4 pixel rgb(90, 98, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 98, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 98, 36);  
box-shadow:4px 4px 4px 4px rgb(90, 98, 36)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.0364, 0.3826, 0.4743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 98, 36) }
```

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

```
.background{ background-color: rgb(90, 98,  
36) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor