

Converting Colors

$Y_{xy}(11.5088, 0.3832, 0.5273)$

Have a look what the booklet for
Yxy(11.5088, 0.3832, 0.5273)
contains.

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Color

Yxy(11.5075, 0.3832, 0.5273)

Conversions

Conversions Part 1

Format	Color
Hex	526706
RGB	82, 103, 6
RGB Percent	32%, 40%, 2%
CMY	0.6784, 0.5961, 0.9764
CMYK	0.20, 0.00, 0.94, 0.60
HSL	73°, 89%, 21%
HSV	73°, 94%, 40%
XYZ	8.3627, 11.5075, 1.9532
YIQ	85.6630, 18.6210, -34.6190

Conversions

Conversions Part 2

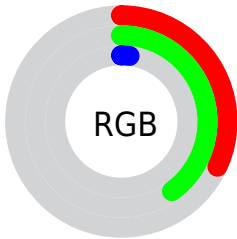
Format	Color
RYB	6, 103, 27
Decimal	5400326
CIELab	40.42, -20.81, 44.92
CIELCh	40, 49.513, 114.859
Yxy	11.5075, 0.3832, 0.5273
Android (android.graphics.Color)	4283590406 (0xFF526706)
YUV	85.6630, -39.2739, -3.2125
Hunter-Lab	33.9227, -15.3603, 20.3321

Details

The Yxy color **11.5075, 0.3832, 0.5273** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.3435, 0.1720, 0.0779**, and the grayscale version is **9.3134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.5273, 0.3730, 0.4780**, and **3.1354, 0.3561, 0.5555** is the 20% darker color. If you saturate the color by 10%, you get **11.4369, 0.3835, 0.5337**, and if you desaturate by 10%, it is **11.6349, 0.3824, 0.5159**.

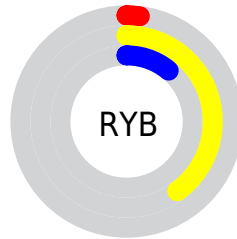
Distribution



Red (32%)

Green (40%)

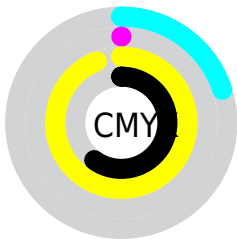
Blue (2%)



Red (2%)

Yellow (40%)

Blue (11%)

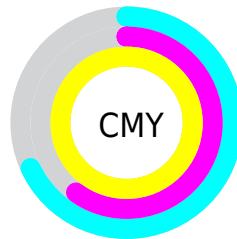


Cyan (20%)

Magenta (0%)

Yellow (94%)

Black (60%)



Cyan (68%)


Magenta (60%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5075, 0.3832, 0.5273 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 11.5075, 0.3832, 0.5273 by changing the saturation by 10% instead.


 11.5075, 0.3832,
0.5273

 11.5075, 0.3832,
0.5273


201.1170, 0.3488,
0.4058


 6.4093, 0.3872,
0.5663


 28.5949, 0.3733,
0.4778


 3.0955, 0.3828,
0.6172

 41.3528, 0.3684,
0.4606


 1.1818, 0.3325,
0.6675

 57.4328, 0.3641,
0.4469

 0.0468, 0.0000,
1.0000


 77.2192, 0.3602,
0.4356


 0.0000, 0.0000,
0.0000


 101.0964, 0.3568,
0.4262


 129.4489, 0.3538,


0.4183


 162.6609, 0.3511,
0.4116


 11.5075, 0.3832,
0.5273


 11.5075, 0.3832,
0.5273


 11.4369, 0.3835,
0.5337

 11.6349, 0.3824,
0.5159

 11.7788, 0.3794,
0.5008

 11.9428, 0.3743,
0.4820

 12.1283, 0.3672,
0.4603

 12.3369, 0.3586,
0.4366

■ 12.5698, 0.3488,
0.4118

■ 12.8282, 0.3384,
0.3867

■ 13.1133, 0.3277,
0.3621

■ 13.4260, 0.3171,
0.3385

Harmonies

Analogous

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



11.5075, 0.4702, 0.4686



11.5075, 0.3832, 0.5273



11.5075, 0.2844, 0.5167

Triad

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



11.5075, 0.3832, 0.5273



11.5075, 0.1378, 0.2107



11.5075, 0.4242, 0.2565

Complementary

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



11.5075, 0.3832, 0.5273



1.3435, 0.1720, 0.0779

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.



11.5075, 0.3103, 0.2057



11.5075, 0.3832, 0.5273



11.5075, 0.1599, 0.1778

Square

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



11.5075, 0.3832, 0.5273



11.5075, 0.1487, 0.2888



11.5075, 0.2165, 0.1780



11.5075, 0.5083, 0.3216

Rectangle

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



11.5075, 0.3832, 0.5273



11.5075, 0.2238, 0.4540



11.5075, 0.2165, 0.1780



11.5075, 0.3866, 0.2374

Sweetspot

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



11.5080, 0.3832, 0.5273



22.7471, 0.3434, 0.3984



3.6102, 0.5896, 0.3558



5.5133, 0.3467, 0.4066



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



11.5080, 0.3832, 0.5273



20.4265, 0.3824, 0.5345



10.0737, 0.3193, 0.5764



3.2396, 0.3221, 0.3496



14.3730, 0.3830, 0.5341



74.5720, 0.3809, 0.5358

Inverse Universe

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



1.3435, 0.1720, 0.0779



2.0187, 0.1631, 0.0672



2.5623, 0.2546, 0.1224



2.7897, 0.3028, 0.3080



1.4369, 0.1644, 0.0679



7.1684, 0.1601, 0.0656

Previews

White Background



This preview shows how the Yxy color 11.5075, 0.3832, 0.5273 looks on a white background.

Color Contrast Check

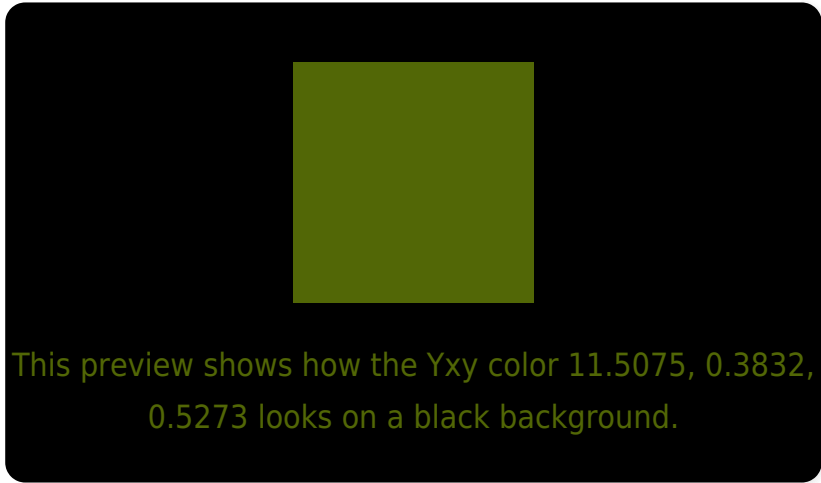
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

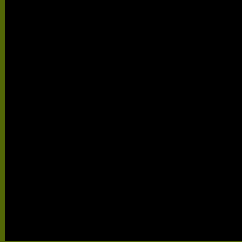
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5075, 0.3832, 0.5273

Background



This preview shows how black text looks on a background with the Yxy color 11.5075, 0.3832, 0.5273.



This preview shows how white text looks on a background with the Yxy color 11.5075, 0.3832, 0.5273.

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

11.5075, 0.3832, 0.5273

Protanopia

11.3102, 0.4394, 0.4893

Deuteranopia

11.3524, 0.4595, 0.4528



Tritanopia

11.5692, 0.2958, 0.3127

Trichromacy



Original Color

11.5075, 0.3832, 0.5273

Protanomaly

11.3364, 0.4184, 0.5038

Deuteranomaly

11.2803, 0.4313, 0.4809

Tritanomaly

11.4157, 0.3389, 0.4060

Monochromacy



Original Color

11.5075, 0.3832, 0.5273

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.8810, 0.3532, 0.4199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5075, 0.3832, 0.5273 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(82, 103, 6)` looks like.

```
.text, #text, p{  
    color:rgb(82, 103, 6)  
}
```

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(82, 103, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 103, 6) }
```

Border

The CSS property to change the border of an element to Yxy 11.5075, 0.3832, 0.5273 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(82, 103, 6) }
```

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

```
.border{ border-color:rgb(82, 103, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 103, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 103, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 103, 6);  
box-shadow:4px 4px 4px 4px rgb(82, 103, 6)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.5075, 0.3832, 0.5273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 103, 6) }
```

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

```
.background{ background-color: rgb(82, 103,  
6) }
```

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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