

Converting Colors

$Y_{xy}(11.3822, 0.4123, 0.4525)$

Have a look what the booklet for
Yxy(11.3822, 0.4123, 0.4525)
contains.

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Color

Yxy(11.3822, 0.4123, 0.4525)

Conversions

Conversions Part 1

Format	Color
Hex	6A5F25
RGB	106, 95, 37
RGB Percent	42%, 37%, 15%
CMY	0.5843, 0.6275, 0.8549
CMYK	0.00, 0.10, 0.65, 0.58
HSL	50°, 48%, 28%
HSV	50°, 65%, 42%
XYZ	10.3710, 11.3822, 3.4008
YIQ	91.6770, 25.1740, -15.7060

Conversions

Conversions Part 2

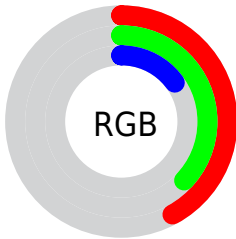
Format	Color
R_{YB}	50, 106, 37
Decimal	6971173
CIE _{Lab}	40.22, -3.39, 33.94
CIE _{LCh}	40, 34.109, 95.700
Yxy	11.3822, 0.4123, 0.4525
Android (android.graphics.Color)	4285161253 (0xFF6A5F25)
YUV	91.6770, -26.9558, 12.5613
Hunter-Lab	33.7375, -4.1692, 17.6397

Details

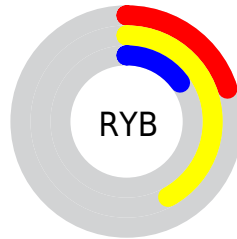
The Yxy color **11.3822, 0.4123, 0.4525** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3.5494, 0.2005, 0.1609**, and the grayscale version is **10.6837, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2776, 0.3889, 0.4219**, and **3.0665, 0.4424, 0.4870** is the 20% darker color. If you saturate the color by 10%, you get **11.0241, 0.4252, 0.4652**, and if you desaturate by 10%, it is **11.7674, 0.3977, 0.4367**.

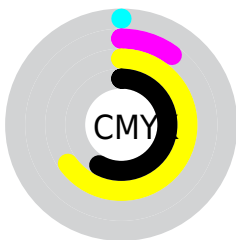
Distribution



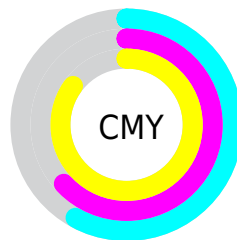
- Red (42%)
- Green (37%)
- Blue (15%)



- Red (20%)
- Yellow (42%)
- Blue (15%)



- Cyan (0%)
- Magenta (10%)
- Yellow (65%)
- Black (58%)




- Cyan (58%)
- Magenta (63%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3822, 0.4123, 0.4525 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 11.3822, 0.4123, 0.4525 by changing the saturation by 10% instead.


 11.3822, 0.4123,
0.4525


 11.3822, 0.4123,
0.4525

200.2712, 0.3541,
0.3787


 6.3245, 0.4281,
0.4742


 28.3648, 0.3895,
0.4227

 3.0434, 0.4657,
0.5233

 41.0585, 0.3813,
0.4124


 1.1544, 0.4645,
0.5355

 57.0663, 0.3746,
0.4040

 0.0240, 0.0000,
1.0000

 76.7727, 0.3691,
0.3971

 0.0000, 0.0000,
0.0000

 100.5619, 0.3645,
0.3913

 128.8185, 0.3605,

0.3865

161.9268, 0.3571,
0.3823

11.3822, 0.4123,
0.4525

11.3822, 0.4123,
0.4525

11.0241, 0.4252,
0.4652

11.7674, 0.3977,
0.4367

10.6896, 0.4360,
0.4741

12.1796, 0.3821,
0.4186

10.3759, 0.4446,
0.4794

12.6207, 0.3661,
0.3991

10.2254, 0.4488,
0.4818

13.0921, 0.3501,
0.3789

13.5949, 0.3346,
0.3586

■ 14.1303, 0.3199,
0.3388

■ 14.6994, 0.3061,
0.3198

■ 15.3030, 0.2933,
0.3019

■ 15.9423, 0.2815,
0.2852

Harmonies

Analogous

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



11.3822, 0.4562, 0.4054



11.3822, 0.4123, 0.4525



11.3822, 0.3448, 0.4691

Triad

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



11.3822, 0.4123, 0.4525



11.3822, 0.1851, 0.2803



11.3822, 0.3414, 0.2501

Complementary

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



11.3822, 0.4123, 0.4525



3.5494, 0.2005, 0.1609

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.



11.3822, 0.2665, 0.2213



11.3822, 0.4123, 0.4525



11.3822, 0.1847, 0.2324

Square

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



11.3822, 0.4123, 0.4525



11.3822, 0.2150, 0.3557



11.3822, 0.2121, 0.2141



11.3822, 0.4158, 0.2952

Rectangle

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



11.3822, 0.4123, 0.4525



11.3822, 0.2959, 0.4511



11.3822, 0.2121, 0.2141



11.3822, 0.3151, 0.2383

Sweetspot

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



11.3827, 0.4123, 0.4525



23.3658, 0.3430, 0.3696



4.6058, 0.4729, 0.3046



5.4320, 0.3462, 0.3737



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.



11.3827, 0.4123, 0.4525



19.0414, 0.4310, 0.4702



12.2832, 0.3625, 0.4916



3.5054, 0.3255, 0.3464



12.6475, 0.4492, 0.4815



63.3930, 0.4512, 0.4799

Inverse Universe

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



3.5494, 0.2005, 0.1609



4.1745, 0.1769, 0.1202



3.3251, 0.2283, 0.1480



3.0960, 0.2997, 0.3110



1.7477, 0.1551, 0.0784



8.0355, 0.1533, 0.0717

Previews

White Background



This preview shows how the Yxy color 11.3822, 0.4123, 0.4525 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 11.3822, 0.4123, 0.4525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

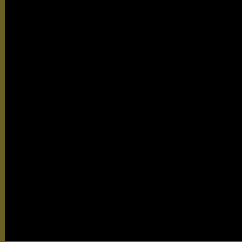
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3822, 0.4123, 0.4525

Background



This preview shows how black text looks on a background with the Yxy color 11.3822, 0.4123, 0.4525.



This preview shows how white text looks on a background with the Yxy color 11.3822, 0.4123, 0.4525.

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

11.3822, 0.4123, 0.4525

Protanopia

11.3822, 0.4123, 0.4525

Deuteranopia

11.3038, 0.4382, 0.4316



Tritanopia

11.3688, 0.3379, 0.3138

Trichromacy



Original Color

11.3822, 0.4123, 0.4525

Protanomaly

11.3822, 0.4123, 0.4525

Deuteranomaly

11.3716, 0.4287, 0.4385

Tritanomaly

11.2414, 0.3676, 0.3651

Monochromacy



Original Color

11.3822, 0.4123, 0.4525

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.8380, 0.3508, 0.3797

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3822, 0.4123, 0.4525 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(106, 95, 37)` looks like.

```
.text, #text, p{  
    color:rgb(106, 95, 37)  
}
```

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(106, 95, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 95, 37) }
```

Border

The CSS property to change the border of an element to Yxy 11.3822, 0.4123, 0.4525 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(106, 95, 37) }
```

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

```
.border{ border-color:rgb(106, 95, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 95, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 95, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 95, 37);  
box-shadow:4px 4px 4px 4px rgb(106, 95,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3822, 0.4123, 0.4525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 95, 37) }
```

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

```
.background{ background-color: rgb(106, 95,  
37) }
```

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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