

Converting Colors

$Y_{xy}(11.6785, 0.3966, 0.5069)$

Have a look what the booklet for
Yxy(11.6785, 0.3966, 0.5069)
contains.

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Color

Yxy(11.5660, 0.3966, 0.5067)

Conversions

Conversions Part 1

Format	Color
Hex	5B650F
RGB	91, 101, 15
RGB Percent	36%, 40%, 6%
CMY	0.6432, 0.6039, 0.9412
CMYK	0.10, 0.00, 0.85, 0.60
HSL	67°, 74%, 23%
HSV	67°, 85%, 40%
XYZ	9.0528, 11.5660, 2.2073
YIQ	88.2060, 21.6460, -28.8660

Conversions

Conversions Part 2

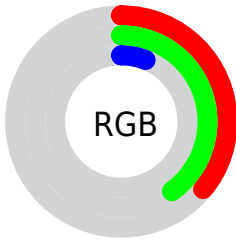
Format	Color
R_{YB}	15, 101, 25
Decimal	5989647
CIE Lab	40.52, -15.27, 42.91
CIE LCh	41, 45.547, 109.588
Yxy	11.5660, 0.3966, 0.5067
Android (android.graphics.Color)	4284179727 (0xFF5B650F)
YUV	88.2060, -36.0906, 2.4503
Hunter-Lab	34.0088, -12.0003, 19.9581

Details

The Yxy color **11.5660, 0.3966, 0.5067** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.4886, 0.1733, 0.0883**, and the grayscale version is **9.8830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7910, 0.3820, 0.4633**, and **3.1306, 0.3861, 0.5316** is the 20% darker color. If you saturate the color by 10%, you get **11.4834, 0.3990, 0.5161**, and if you desaturate by 10%, it is **11.6630, 0.3922, 0.4939**.

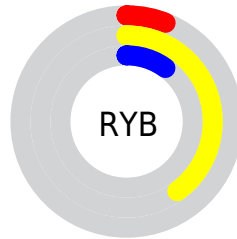
Distribution



 Red (36%)

 Green (40%)

 Blue (6%)



 Red (6%)

 Yellow (40%)

 Blue (10%)

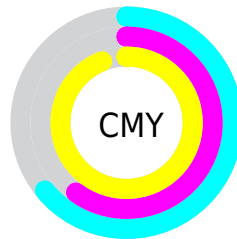


 Cyan (10%)

 Magenta (0%)

 Yellow (85%)

 Black (60%)



 Cyan (64%)


 Magenta (60%)


 Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5660, 0.3966, 0.5067 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 11.5660, 0.3966, 0.5067 by changing the saturation by 10% instead.


 11.5660, 0.3966,
0.5067


 11.5660, 0.3966,
0.5067


201.5105, 0.3524,
0.3990


 6.4489, 0.4041,
0.5392


 28.7022, 0.3819,
0.4632


 3.1199, 0.4117,
0.5883

 41.4900, 0.3756,
0.4480

 1.1947, 0.3806,
0.6194

 57.6035, 0.3703,
0.4358

 0.0573, 0.0000,
1.0000

 77.4272, 0.3656,
0.4257


 0.0000, 0.0000,
0.0000


 101.3453, 0.3616,
0.4174


 129.7423, 0.3581,


0.4103


 163.0026, 0.3551,
0.4043


 11.5660, 0.3966,
0.5067


 11.5660, 0.3966,
0.5067


 11.4834, 0.3990,
0.5161

 11.6630, 0.3922,
0.4939

 11.4442, 0.4001,
0.5205

 11.7762, 0.3856,
0.4775

 11.9076, 0.3769,
0.4579

 12.0587, 0.3667,
0.4359

 12.2307, 0.3554,
0.4124

■ 12.4245, 0.3434,
0.3883

■ 12.6414, 0.3311,
0.3642

■ 12.8823, 0.3189,
0.3407

■ 13.1480, 0.3070,
0.3183

Harmonies

Analogous

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



11.5660, 0.4726, 0.4501



11.5660, 0.3966, 0.5067



11.5660, 0.3046, 0.5081

Triad

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



11.5660, 0.3966, 0.5067



11.5660, 0.1480, 0.2294



11.5660, 0.3977, 0.2522

Complementary

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



11.5660, 0.3966, 0.5067



1.4886, 0.1733, 0.0883

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.



11.5660, 0.2936, 0.2072



11.5660, 0.3966, 0.5067



11.5660, 0.1635, 0.1907

Square

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



11.5660, 0.3966, 0.5067



11.5660, 0.1652, 0.3109



11.5660, 0.2115, 0.1854



11.5660, 0.4833, 0.3126

Rectangle

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



11.5660, 0.3966, 0.5067



11.5660, 0.2456, 0.4605



11.5660, 0.2115, 0.1854



11.5660, 0.3625, 0.2350

Sweetspot

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



11.5665, 0.3966, 0.5067



21.2713, 0.3453, 0.3921



3.4388, 0.5759, 0.3431



5.2136, 0.3482, 0.3980



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



11.5665, 0.3966, 0.5067



19.6157, 0.3996, 0.5210



10.0065, 0.3330, 0.5529



3.2526, 0.3235, 0.3495



14.9926, 0.3998, 0.5208



77.9498, 0.3986, 0.5217

Inverse Universe

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



1.4886, 0.1733, 0.0883



1.7160, 0.1556, 0.0631



2.4610, 0.2428, 0.1243



2.7776, 0.3015, 0.3079



1.3205, 0.1563, 0.0635



6.6762, 0.1535, 0.0619

Previews

White Background



This preview shows how the Yxy color 11.5660, 0.3966, 0.5067 looks on a white background.

Color Contrast Check

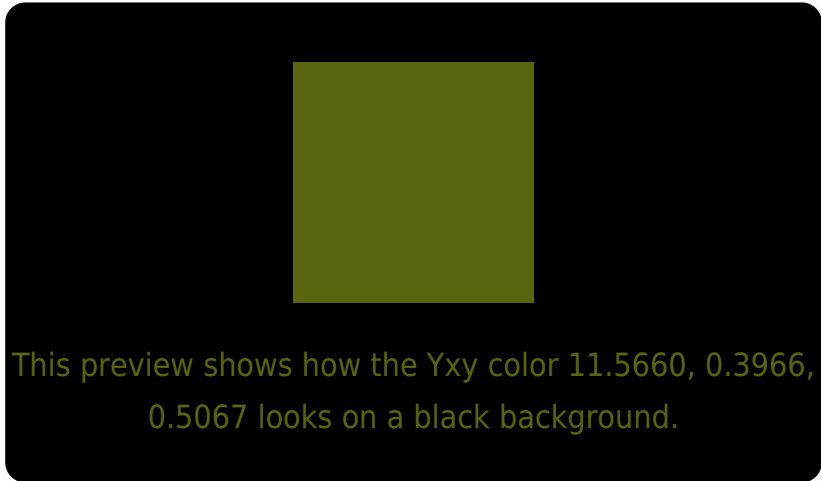
Large Text (above 18pt) WCAG AA ✓ Pass

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

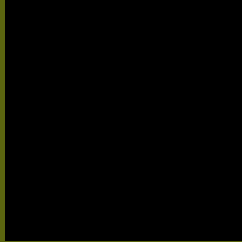
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5660, 0.3966, 0.5067

Background



This preview shows how black text looks on a background with the Yxy color 11.5660, 0.3966, 0.5067.



This preview shows how white text looks on a background with the Yxy color 11.5660, 0.3966, 0.5067.

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

11.5660, 0.3966, 0.5067

Protanopia

11.5829, 0.4334, 0.4808

Deuteranopia

11.5332, 0.4555, 0.4516



Tritanopia

11.5417, 0.3089, 0.3130

Trichromacy



Original Color

11.5660, 0.3966, 0.5067

Protanomaly

11.5919, 0.4198, 0.4902

Deuteranomaly

11.4826, 0.4332, 0.4730

Tritanomaly

11.4245, 0.3484, 0.3941

Monochromacy



Original Color

11.5660, 0.3966, 0.5067

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

10.2895, 0.3537, 0.4100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5660, 0.3966, 0.5067 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(91, 101, 15)` looks like.

```
.text, #text, p{  
    color:rgb(91, 101, 15)  
}
```

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(91, 101, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 101, 15) }
```

Border

The CSS property to change the border of an element to Yxy 11.5660, 0.3966, 0.5067 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(91, 101, 15) }
```

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

```
.border{ border-color:rgb(91, 101, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 101, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 101, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 101, 15);  
box-shadow:4px 4px 4px 4px rgb(91, 101,  
15) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5660, 0.3966, 0.5067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 101, 15) }
```

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

```
.background{ background-color: rgb(91, 101,  
15) }
```

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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