

Converting Colors

$Y_{xy}(11.6012, 0.4277, 0.4712)$

Have a look what the booklet for
Yxy(11.6012, 0.4277, 0.4712)
contains.

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Color

Yxy(11.6157, 0.4271, 0.4715)

Conversions

Conversions Part 1

Format	Color
Hex	6C6017
RGB	108, 96, 23
RGB Percent	42%, 38%, 9%
CMY	0.5765, 0.6235, 0.9098
CMYK	0.00, 0.11, 0.79, 0.58
HSL	52°, 65%, 26%
HSV	52°, 79%, 42%
XYZ	10.5219, 11.6157, 2.4981
YIQ	91.2660, 30.5850, -20.1590

Conversions

Conversions Part 2

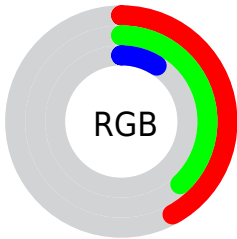
Format	Color
R_{YB}	37, 108, 23
Decimal	7102487
CIE Lab	40.60, -3.88, 40.75
CIE LCh	41, 40.938, 95.439
Yxy	11.6157, 0.4271, 0.4715
Android (android.graphics.Color)	4285292567 (0xFF6C6017)
YUV	91.2660, -33.6551, 14.6757
Hunter-Lab	34.0818, -4.5359, 19.5116

Details

The Yxy color **11.6157, 0.4271, 0.4715** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.4669, 0.1777, 0.1198**, and the grayscale version is **10.5989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7070, 0.4033, 0.4394**, and **3.1511, 0.4392, 0.4894** is the 20% darker color. If you saturate the color by 10%, you get **11.3059, 0.4364, 0.4791**, and if you desaturate by 10%, it is **11.9496, 0.4155, 0.4600**.

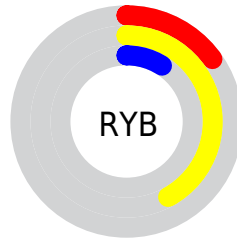
Distribution



 Red (42%)

 Green (38%)

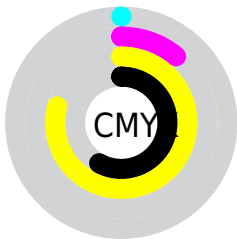
 Blue (9%)



 Red (15%)

 Yellow (42%)

 Blue (9%)

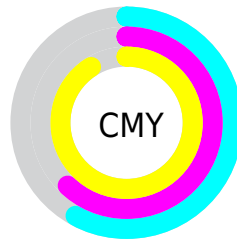



 Cyan (0%)


 Magenta (11%)

 Yellow (79%)

 Black (58%)



 Cyan (58%)

 Magenta (62%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.6157, 0.4271, 0.4715 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 11.6157, 0.4271, 0.4715 by changing the saturation by 10% instead.

■ 11.6157, 0.4271,
0.4715

■ 11.6157, 0.4271,
0.4715

■ 201.8443, 0.3623,
0.3883

■ 6.4826, 0.4425,
0.4936

■ 28.7932, 0.4028,
0.4391

■ 3.1407, 0.4687,
0.5313

■ 41.6064, 0.3937,
0.4274

■ 1.2056, 0.4616,
0.5384

■ 57.7484, 0.3861,
0.4178

■ 0.0663, 0.0000,
1.0000

■ 77.6036, 0.3798,
0.4099


■ 0.0000, 0.0000,
0.0000


■ 101.5564, 0.3744,
0.4032


■ 129.9911, 0.3698,


0.3974


 163.2923, 0.3658,
0.3925


 11.6157, 0.4271,
0.4715


 11.6157, 0.4271,
0.4715


 11.3059, 0.4364,
0.4791

 11.9496, 0.4155,
0.4600

 11.0118, 0.4441,
0.4841

 12.3080, 0.4020,
0.4450

 10.9741, 0.4451,
0.4848

 12.6931, 0.3871,
0.4274

 13.1064, 0.3715,
0.4079

 13.5492, 0.3557,
0.3875

■ 14.0230, 0.3401,
0.3667

■ 14.5289, 0.3251,
0.3463

■ 15.0679, 0.3109,
0.3265

■ 15.6412, 0.2977,
0.3077

Harmonies

Analogous

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



11.6157, 0.4806, 0.4130



11.6157, 0.4271, 0.4715



11.6157, 0.3479, 0.4976

Triad

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



11.6157, 0.4271, 0.4715



11.6157, 0.1651, 0.2700



11.6157, 0.3450, 0.2370

Complementary

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



11.6157, 0.4271, 0.4715



2.4669, 0.1777, 0.1198

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.



11.6157, 0.2570, 0.2047



11.6157, 0.4271, 0.4715



11.6157, 0.1650, 0.2157

Square

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



11.6157, 0.4271, 0.4715



11.6157, 0.1981, 0.3606



11.6157, 0.1955, 0.1961



11.6157, 0.4348, 0.2878

Rectangle

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



11.6157, 0.4271, 0.4715



11.6157, 0.2911, 0.4784



11.6157, 0.1955, 0.1961



11.6157, 0.3137, 0.2238

Sweetspot

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



11.6163, 0.4271, 0.4715



24.1176, 0.3493, 0.3791



3.9269, 0.5325, 0.3072



5.7833, 0.3536, 0.3848



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



11.6163, 0.4271, 0.4715



19.4469, 0.4419, 0.4823



12.4173, 0.3640, 0.5207



3.5144, 0.3255, 0.3468



13.0603, 0.4454, 0.4845



65.5916, 0.4471, 0.4832

Inverse Universe

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



2.4669, 0.1777, 0.1198



2.7401, 0.1584, 0.0827



2.4457, 0.2094, 0.1146



3.0878, 0.2997, 0.3106



1.6787, 0.1544, 0.0757



7.7563, 0.1527, 0.0695

Previews

White Background



This preview shows how the Yxy color 11.6157, 0.4271, 0.4715 looks on a white background.

Color Contrast Check

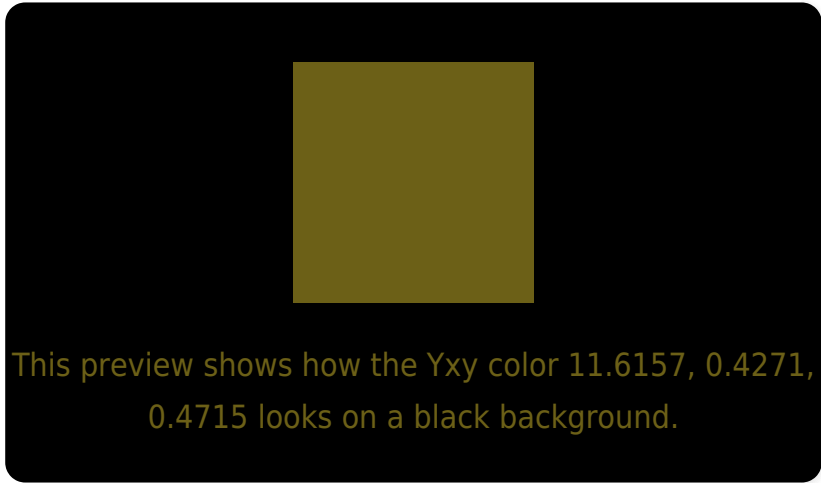
Large Text (above 18pt) WCAG AA ✓ Pass

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

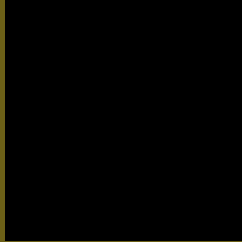
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6157, 0.4271, 0.4715

Background



This preview shows how black text looks on a background with the Yxy color 11.6157, 0.4271, 0.4715.



This preview shows how white text looks on a background with the Yxy color 11.6157, 0.4271, 0.4715.

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

11.6157, 0.4271, 0.4715

Protanopia

11.6157, 0.4271, 0.4715

Deuteranopia

11.5454, 0.4531, 0.4485



Tritanopia

11.5000, 0.3412, 0.3140

Trichromacy



Original Color

11.6157, 0.4271, 0.4715

Protanomaly

11.6157, 0.4271, 0.4715

Deuteranomaly

11.6077, 0.4442, 0.4570

Tritanomaly

11.4635, 0.3799, 0.3801

Monochromacy



Original Color

11.6157, 0.4271, 0.4715

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.7634, 0.3599, 0.3942

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6157, 0.4271, 0.4715 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(108, 96, 23)` looks like.

```
.text, #text, p{  
    color:rgb(108, 96, 23)  
}
```

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(108, 96, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 96, 23) }
```

Border

The CSS property to change the border of an element to Yxy 11.6157, 0.4271, 0.4715 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(108, 96, 23) }
```

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

```
.border{ border-color:rgb(108, 96, 23) }
```

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

Here you see how a box with a 4 pixel rgb(108, 96, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 96, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 96, 23);  
box-shadow:4px 4px 4px 4px rgb(108, 96,  
23) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6157, 0.4271, 0.4715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 96, 23) }
```

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

```
.background{ background-color: rgb(108, 96,  
23) }
```

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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