

Converting Colors

$Y_{xy}(11.2334, 0.4471, 0.4681)$

Have a look what the booklet for
Yxy(11.2334, 0.4471, 0.4681)
contains.

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Color

Yxy(11.1967, 0.4479, 0.4680)

Conversions

Conversions Part 1

Format	Color
Hex	715C0E
RGB	113, 92, 14
RGB Percent	44%, 36%, 5%
CMY	0.5569, 0.6392, 0.9451
CMYK	0.00, 0.19, 0.88, 0.56
HSL	47°, 78%, 25%
HSV	47°, 88%, 44%
XYZ	10.7158, 11.1967, 2.0121
YIQ	89.3870, 37.5540, -19.8060

Conversions

Conversions Part 2

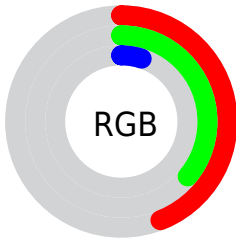
Format	Color
R_{YB}	41, 113, 14
Decimal	7429134
CIE _{Lab}	39.91, 0.55, 43.52
CIE _{LCh}	40, 43.524, 89.269
Yxy	11.1967, 0.4479, 0.4680
Android (android.graphics.Color)	4285619214 (0xFF715C0E)
YUV	89.3870, -37.1658, 20.7086
Hunter-Lab	33.4615, -1.3941, 19.8579

Details

The Yxy color **11.1967, 0.4479, 0.4680** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.4873, 0.1698, 0.1123**, and the grayscale version is **10.1588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0525, 0.4195, 0.4395**, and **3.0251, 0.4599, 0.4730** is the 20% darker color. If you saturate the color by 10%, you get **10.7629, 0.4579, 0.4717**, and if you desaturate by 10%, it is **11.6587, 0.4360, 0.4610**.

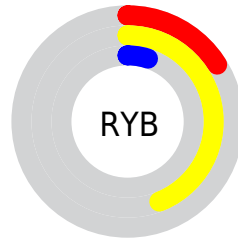
Distribution



Red (44%)

Green (36%)

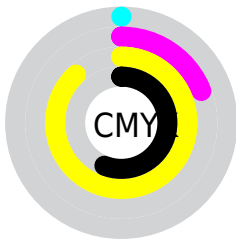
Blue (5%)



Red (16%)

Yellow (44%)

Blue (5%)

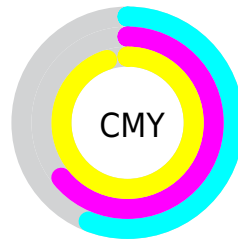


Cyan (0%)

Magenta (19%)

Yellow (88%)

Black (56%)



Cyan (56%)


Magenta (64%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1967, 0.4479, 0.4680 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 11.1967, 0.4479, 0.4680 by changing the saturation by 10% instead.


 11.1967, 0.4479,
0.4680


 11.1967, 0.4479,
0.4680


 199.0121, 0.3710,
0.3893


 6.1993, 0.4677,
0.4880

 28.0233, 0.4192,
0.4388


 2.9666, 0.4900,
0.5100

 40.6213, 0.4083,
0.4277


 1.1143, 0.4910,
0.5090

 56.5217, 0.3993,
0.4184

 0.0000, 1.0000,
0.0000

 76.1087, 0.3918,
0.4107


 0.0000, 0.0000,
0.0000


 99.7669, 0.3853,
0.4041

 127.8806, 0.3799,


0.3984

 160.8342, 0.3751,
0.3935


 11.1967, 0.4479,
0.4680


 11.1967, 0.4479,
0.4680

 10.7629, 0.4579,
0.4717

 11.6587, 0.4360,
0.4610

 10.6609, 0.4604,
0.4726

 12.1533, 0.4218,
0.4500

 12.6831, 0.4060,
0.4356

 13.2502, 0.3892,
0.4188

 13.8563, 0.3721,
0.4004

■ 14.5030, 0.3553,
0.3811

■ 15.1919, 0.3390,
0.3618

■ 15.9242, 0.3237,
0.3429

■ 16.7015, 0.3094,
0.3247

Harmonies

Analogous

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



11.1967, 0.4978, 0.4019



11.1967, 0.4479, 0.4680



11.1967, 0.3670, 0.5095

Triad

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



11.1967, 0.4479, 0.4680



11.1967, 0.1601, 0.2818



11.1967, 0.3260, 0.2225

Complementary

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



11.1967, 0.4479, 0.4680



2.4873, 0.1698, 0.1123

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.



11.1967, 0.2368, 0.1933



11.1967, 0.4479, 0.4680



11.1967, 0.1538, 0.2163

Square

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



11.1967, 0.4479, 0.4680



11.1967, 0.2017, 0.3856



11.1967, 0.1790, 0.1896



11.1967, 0.4260, 0.2724

Rectangle

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



11.1967, 0.4479, 0.4680



11.1967, 0.3066, 0.5017



11.1967, 0.1790, 0.1896



11.1967, 0.2935, 0.2101

Sweetspot

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



11.1972, 0.4479, 0.4680



26.0826, 0.3538, 0.3794



3.9486, 0.5500, 0.2985



5.9604, 0.3581, 0.3844



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



11.1972, 0.4479, 0.4680



18.9026, 0.4617, 0.4716



13.7691, 0.3733, 0.5285



3.8021, 0.3257, 0.3455



12.0661, 0.4607, 0.4724



58.8260, 0.4634, 0.4702

Inverse Universe

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



2.4873, 0.1698, 0.1123



3.1337, 0.1567, 0.0841



1.9998, 0.1871, 0.0914



3.4046, 0.2996, 0.3120



2.0654, 0.1575, 0.0871



9.2328, 0.1554, 0.0793

Previews

White Background



This preview shows how the Yxy color 11.1967, 0.4479, 0.4680 looks on a white background.

Color Contrast Check

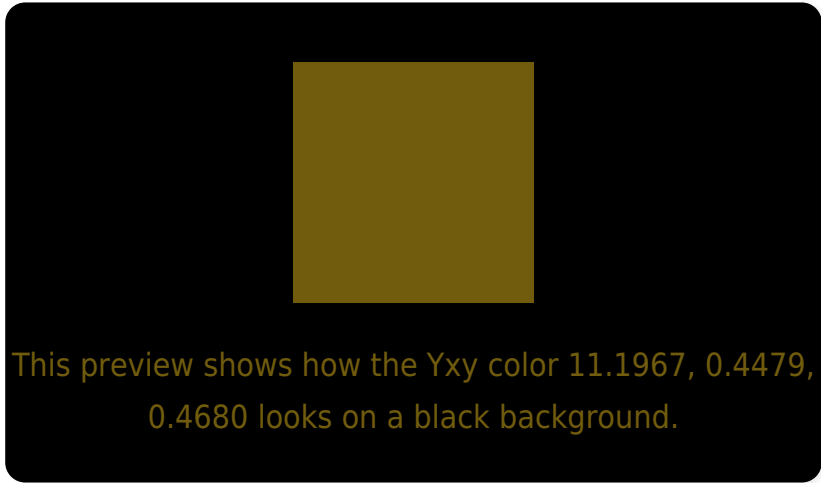
Large Text (above 18pt) WCAG AA ✓ Pass

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

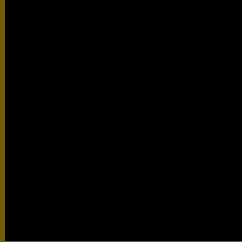
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1967, 0.4479, 0.4680

Background



This preview shows how black text looks on a background with the Yxy color 11.1967, 0.4479, 0.4680.



This preview shows how white text looks on a background with the Yxy color 11.1967, 0.4479, 0.4680.

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

11.1967, 0.4479, 0.4680

Protanopia

11.2831, 0.4307, 0.4801

Deuteranopia

11.1041, 0.4617, 0.4548



Tritanopia

11.2798, 0.3572, 0.3165

Trichromacy



Original Color

11.1967, 0.4479, 0.4680

Protanomaly

11.2911, 0.4373, 0.4750

Deuteranomaly

11.1287, 0.4573, 0.4594

Tritanomaly

11.0626, 0.3999, 0.3808

Monochromacy



Original Color

11.1967, 0.4479, 0.4680

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.2568, 0.3699, 0.3967

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1967, 0.4479, 0.4680 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(113, 92, 14)` looks like.

```
.text, #text, p{  
    color:rgb(113, 92, 14)  
}
```

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(113, 92, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 92, 14) }
```

Border

The CSS property to change the border of an element to Yxy 11.1967, 0.4479, 0.4680 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(113, 92, 14) }
```

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

```
.border{ border-color:rgb(113, 92, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 92, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 92, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 92, 14);  
box-shadow:4px 4px 4px 4px rgb(113, 92,  
14) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1967, 0.4479, 0.4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 92, 14) }
```

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

```
.background{ background-color: rgb(113, 92,  
14) }
```

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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