

Converting Colors

$Y_{xy}(11.3139, 0.4427, 0.4683)$

Have a look what the booklet for
Yxy(11.3139, 0.4427, 0.4683)
contains.

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Color

Yxy(11.3139, 0.4427, 0.4683)

Conversions

Conversions Part 1

Format	Color
Hex	705D11
RGB	112, 93, 17
RGB Percent	44%, 36%, 7%
CMY	0.5609, 0.6352, 0.9333
CMYK	0.00, 0.17, 0.85, 0.56
HSL	48°, 74%, 25%
HSV	48°, 85%, 44%
XYZ	10.6954, 11.3139, 2.1502
YIQ	90.0170, 35.7200, -19.6080

Conversions

Conversions Part 2

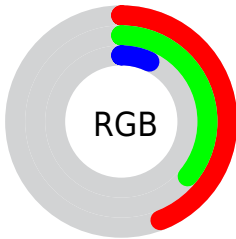
Format	Color
R_{YB}	41, 112, 17
Decimal	7363857
CIE Lab	40.10, -0.44, 42.67
CIE LCh	40, 42.674, 90.586
Yxy	11.3139, 0.4427, 0.4683
Android (android.graphics.Color)	4285553937 (0xFF705D11)
YUV	90.0170, -35.9974, 19.2791
Hunter-Lab	33.6361, -2.1049, 19.7552

Details

The Yxy color **11.3139, 0.4427, 0.4683** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.5480, 0.1724, 0.1161**, and the grayscale version is **10.3045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2778, 0.4149, 0.4378**, and **3.0746, 0.4539, 0.4778** is the 20% darker color. If you saturate the color by 10%, you get **10.8998, 0.4526, 0.4728**, and if you desaturate by 10%, it is **11.7571, 0.4305, 0.4599**.

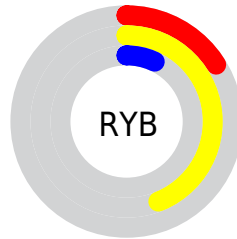
Distribution



Red (44%)

Green (36%)

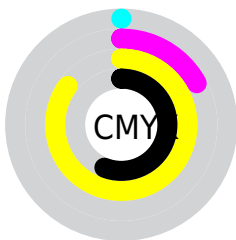
Blue (7%)



Red (16%)

Yellow (44%)

Blue (7%)

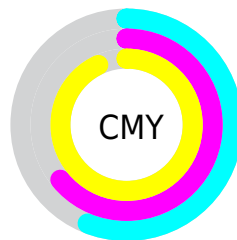


Cyan (0%)

Magenta (17%)

Yellow (85%)

Black (56%)



Cyan (56%)

Magenta (64%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.3139, 0.4427, 0.4683 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 11.3139, 0.4427, 0.4683 by changing the saturation by 10% instead.

■ 11.3139, 0.4427,
0.4683

■ 11.3139, 0.4427,
0.4683

■ 199.8086, 0.3687,
0.3887

■ 6.2784, 0.4613,
0.4885

■ 28.2392, 0.4150,
0.4384

■ 3.0151, 0.4852,
0.5148

■ 40.8977, 0.4046,
0.4272

■ 1.1396, 0.4844,
0.5156

■ 56.8661, 0.3959,
0.4179

■ 0.0115, 0.0264,
0.9736


■ 76.5286, 0.3887,
0.4101


■ 0.0000, 0.0000,
0.0000


■ 100.2697, 0.3825,
0.4035


■ 128.4739, 0.3772,


0.3979

 161.5253, 0.3727,
0.3930


 11.3139, 0.4427,
0.4683


 11.3139, 0.4427,
0.4683


 10.8998, 0.4526,
0.4728


 11.7571, 0.4305,
0.4599

 10.6912, 0.4576,
0.4749

 12.2314, 0.4163,
0.4477

 12.7393, 0.4005,
0.4324

 13.2827, 0.3839,
0.4149

 13.8633, 0.3670,
0.3959

■ 14.4825, 0.3505,
0.3764

■ 15.1419, 0.3346,
0.3569

■ 15.8428, 0.3196,
0.3379

■ 16.5863, 0.3056,
0.3197

Harmonies

Analogous

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



11.3139, 0.4930, 0.4042



11.3139, 0.4427, 0.4683



11.3139, 0.3626, 0.5059

Triad

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



11.3139, 0.4427, 0.4683



11.3139, 0.1620, 0.2794



11.3139, 0.3302, 0.2262

Complementary

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



11.3139, 0.4427, 0.4683



2.5480, 0.1724, 0.1161

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.



11.3139, 0.2417, 0.1964



11.3139, 0.4427, 0.4683



11.3139, 0.1570, 0.2168

Square

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



11.3139, 0.4427, 0.4683



11.3139, 0.2015, 0.3796



11.3139, 0.1833, 0.1918



11.3139, 0.4273, 0.2761

Rectangle

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



11.3139, 0.4427, 0.4683



11.3139, 0.3033, 0.4954



11.3139, 0.1833, 0.1918



11.3139, 0.2981, 0.2137

Sweetspot

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



11.3144, 0.4427, 0.4683



25.3600, 0.3518, 0.3780



3.9714, 0.5443, 0.3003



6.0202, 0.3563, 0.3834



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.



11.3144, 0.4427, 0.4683



18.6179, 0.4588, 0.4739



13.4847, 0.3709, 0.5263



3.8086, 0.3257, 0.3457



12.3333, 0.4579, 0.4746



60.2078, 0.4605, 0.4726

Inverse Universe

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



2.5480, 0.1724, 0.1161



2.9350, 0.1562, 0.0822



2.1393, 0.1932, 0.0978



3.3985, 0.2996, 0.3117



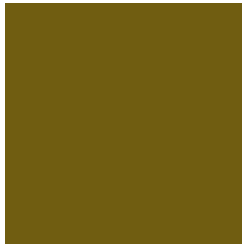
2.0029, 0.1569, 0.0848



8.9664, 0.1548, 0.0773

Previews

White Background



This preview shows how the Yxy color 11.3139, 0.4427, 0.4683 looks on a white background.

Color Contrast Check

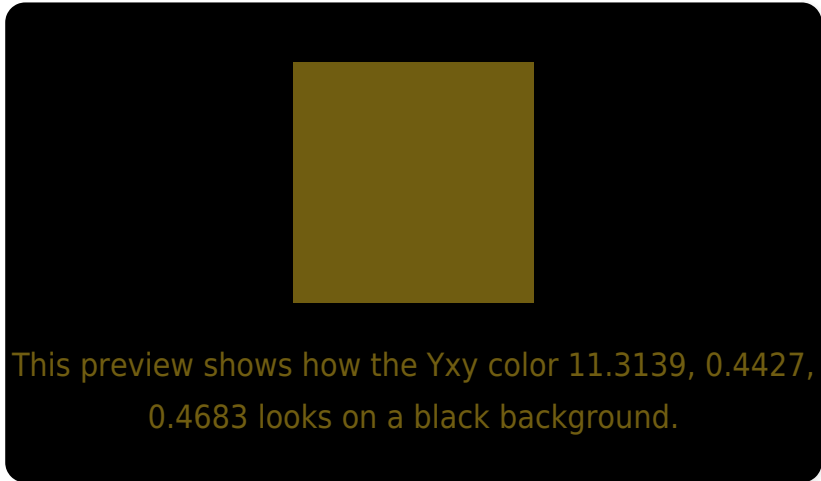
Large Text (above 18pt) WCAG AA ✓ Pass

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

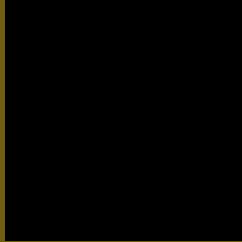
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3139, 0.4427, 0.4683

Background



This preview shows how black text looks on a background with the Yxy color 11.3139, 0.4427, 0.4683.



This preview shows how white text looks on a background with the Yxy color 11.3139, 0.4427, 0.4683.

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

11.3139, 0.4427, 0.4683

Protanopia

11.3539, 0.4305, 0.4762

Deuteranopia

11.2813, 0.4579, 0.4539



Tritanopia

11.3886, 0.3534, 0.3164

Trichromacy



Original Color

11.3139, 0.4427, 0.4683

Protanomaly

11.3003, 0.4355, 0.4724

Deuteranomaly

11.2388, 0.4520, 0.4597

Tritanomaly

11.1712, 0.3956, 0.3811

Monochromacy



Original Color

11.3139, 0.4427, 0.4683

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.4377, 0.3676, 0.3966

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3139, 0.4427, 0.4683 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(112, 93, 17)` looks like.

```
.text, #text, p{  
    color:rgb(112, 93, 17)  
}
```

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(112, 93, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 93, 17) }
```

Border

The CSS property to change the border of an element to Yxy 11.3139, 0.4427, 0.4683 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(112, 93, 17) }
```

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

```
.border{ border-color:rgb(112, 93, 17) }
```

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

Here you see how a box with a 4 pixel rgb(112, 93, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 93, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 93, 17);  
box-shadow:4px 4px 4px 4px rgb(112, 93,  
17) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3139, 0.4427, 0.4683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 93, 17) }
```

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

```
.background{ background-color: rgb(112, 93,  
17) }
```

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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