

Converting Colors

$Y_{xy}(11.3628, 0.2791, 0.5103)$

Have a look what the booklet for
Yxy(11.3628, 0.2791, 0.5103)
contains.

Yxy(11.4364, 0.2794, 0.5115)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

$\text{Yxy}(11.4364, 0.2794, 0.5115)$

Conversions

Conversions Part 1

Format	Color
Hex	0B6E30
RGB	11, 110, 48
RGB Percent	4%, 43%, 19%
CMY	0.9571, 0.5686, 0.8117
CMYK	0.90, 0.00, 0.56, 0.57
HSL	142°, 82%, 24%
HSV	142°, 90%, 43%
XYZ	6.2470, 11.4364, 4.6752
YIQ	73.3310, -39.1020, -40.2700

Conversions

Conversions Part 2

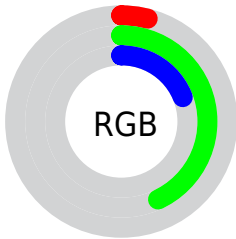
Format	Color
R_{YB}	11, 83, 110
Decimal	749104
CIE _{Lab}	40.31, -40.92, 27.05
CIE _{LCh}	40, 49.047, 146.536
Yxy	11.4364, 0.2794, 0.5115
Android (android.graphics.Color)	4278939184 (0xFF0B6E30)
YUV	73.3310, -12.4882, -54.6643
Hunter-Lab	33.8177, -26.2077, 15.4758

Details

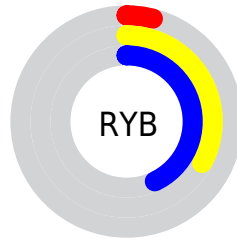
The Yxy color **11.4364, 0.2794, 0.5115** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4.0336, 0.4201, 0.2187**, and the grayscale version is **6.7486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6167, 0.2922, 0.4578**, and **3.3397, 0.2990, 0.5965** is the 20% darker color. If you saturate the color by 10%, you get **11.3138, 0.2811, 0.5318**, and if you desaturate by 10%, it is **11.5974, 0.2784, 0.4897**.

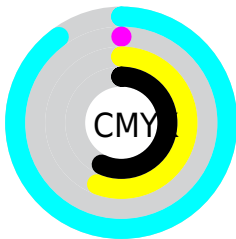
Distribution



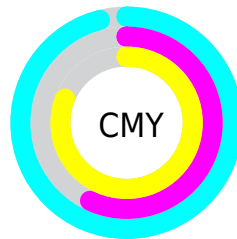
- Red (4%)
- Green (43%)
- Blue (19%)



- Red (4%)
- Yellow (33%)
- Blue (43%)



- Cyan (90%)
- Magenta (0%)
- Yellow (56%)
- Black (57%)




- Cyan (96%)
- Magenta (57%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4364, 0.2794, 0.5115 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 11.4364, 0.2794, 0.5115 by changing the saturation by 10% instead.


 11.4364, 0.2794,
0.5115


 11.4364, 0.2794,
0.5115


200.6375, 0.3045,
0.3918


 6.3612, 0.2664,
0.5579


 28.4644, 0.2921,
0.4579


 3.0659, 0.2447,
0.6392

 41.1859, 0.2956,
0.4412

 1.1662, 0.0684,
0.9316

 57.2250, 0.2982,
0.4283

 0.0339, 0.0000,
1.0000

 76.9660, 0.3001,
0.4180


 0.0000, 0.0000,
0.0000


 100.7934, 0.3016,
0.4096


 129.0915, 0.3028,


0.4027


 162.2448, 0.3037,
0.3968


 11.4364, 0.2794,
0.5115


 11.4364, 0.2794,
0.5115


 11.3138, 0.2811,
0.5318

 11.5974, 0.2784,
0.4897

 11.8204, 0.2790,
0.4668

 12.1124, 0.2812,
0.4437

 12.4788, 0.2847,
0.4211

 12.9248, 0.2893,
0.3995

■ 13.4548, 0.2946,
0.3793

■ 14.0730, 0.3004,
0.3608

■ 14.7833, 0.3065,
0.3441

■ 15.5894, 0.3127,
0.3291

Harmonies

Analogous

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



11.4364, 0.3777, 0.5278



11.4364, 0.2794, 0.5115



11.4364, 0.1953, 0.4039

Triad

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



11.4364, 0.2794, 0.5115



11.4364, 0.1629, 0.1779



11.4364, 0.5097, 0.3257

Complementary

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



11.4364, 0.2794, 0.5115



4.0336, 0.4201, 0.2187

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.



11.4364, 0.4294, 0.2603



11.4364, 0.2794, 0.5115



11.4364, 0.2214, 0.1797

Square

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



11.4364, 0.2794, 0.5115



11.4364, 0.1391, 0.2086



11.4364, 0.3165, 0.2087



11.4364, 0.5187, 0.3975

Rectangle

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



11.4364, 0.2794, 0.5115



11.4364, 0.1593, 0.3197



11.4364, 0.3165, 0.2087



11.4364, 0.4899, 0.3030

Sweetspot

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



11.4369, 0.2794, 0.5115



23.8666, 0.2959, 0.3749



12.6199, 0.3611, 0.5402



5.4958, 0.2945, 0.3795



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.



11.4369, 0.2794, 0.5115



19.8459, 0.2824, 0.5365



12.0827, 0.2374, 0.3648



3.7820, 0.3071, 0.3424



13.5851, 0.2815, 0.5335



67.5181, 0.2843, 0.5433

Inverse Universe

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



4.0336, 0.4201, 0.2187



6.5493, 0.4405, 0.2200



3.6199, 0.5813, 0.3133



3.4333, 0.3187, 0.3159



4.4905, 0.4380, 0.2187



22.1978, 0.4463, 0.2232

Previews

White Background



This preview shows how the Yxy color 11.4364, 0.2794, 0.5115 looks on a white background.

Color Contrast Check

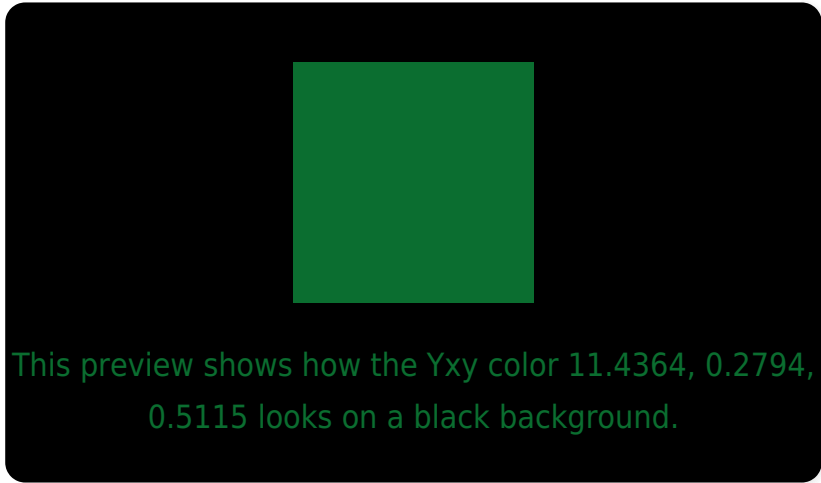
Large Text (above 18pt) WCAG AA ✓ Pass

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

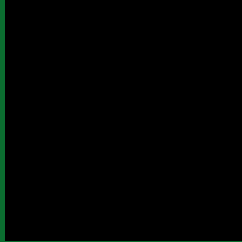
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4364, 0.2794, 0.5115

Background



This preview shows how black text looks on a background with the Yxy color 11.4364, 0.2794, 0.5115.



This preview shows how white text looks on a background with the Yxy color 11.4364, 0.2794, 0.5115.

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

11.4364, 0.2794, 0.5115

Protanopia

11.3621, 0.4037, 0.4430

Deuteranopia

11.2824, 0.4149, 0.4070



Tritanopia

11.4058, 0.2364, 0.3059

Trichromacy



Original Color

11.4364, 0.2794, 0.5115

Protanomaly

10.6434, 0.3405, 0.4750

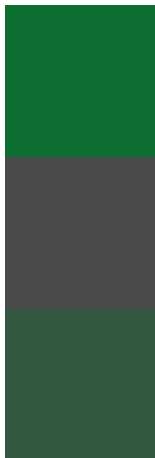
Deuteranomaly

10.4081, 0.3463, 0.4498

Tritanomaly

11.3364, 0.2507, 0.3762

Monochromacy



Original Color

11.4364, 0.2794, 0.5115

Achromatopsia

6.6626, 0.3127, 0.3290

Achromatomaly

7.7039, 0.2883, 0.3988

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4364, 0.2794, 0.5115 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(11, 110, 48)` looks like.

```
.text, #text, p{  
    color:rgb(11, 110, 48)  
}
```

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(11, 110, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 110, 48) }
```

Border

The CSS property to change the border of an element to Yxy 11.4364, 0.2794, 0.5115 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(11, 110, 48) }
```

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

```
.border{ border-color:rgb(11, 110, 48) }
```

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

Here you see how a box with a 4 pixel rgb(11, 110, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 110, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 110, 48);  
box-shadow:4px 4px 4px 4px rgb(11, 110,  
48) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4364, 0.2794, 0.5115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 110, 48) }
```

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

```
.background{ background-color: rgb(11, 110,  
48) }
```

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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