

Converting Colors

$Y_{xy}(11.4794, 0.2544, 0.4184)$

Have a look what the booklet for
Yxy(11.4794, 0.2544, 0.4184)
contains.

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Color

Yxy(11.3767, 0.2536, 0.4160)

Conversions

Conversions Part 1

Format	Color
Hex	0F6C4E
RGB	15, 108, 78
RGB Percent	6%, 42%, 31%
CMY	0.9408, 0.5765, 0.6942
CMYK	0.86, 0.00, 0.28, 0.58
HSL	161°, 75%, 24%
HSV	161°, 86%, 42%
XYZ	6.9354, 11.3767, 9.0357
YIQ	76.7730, -45.7980, -29.0460

Conversions

Conversions Part 2

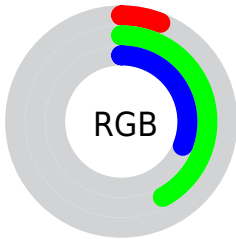
Format	Color
RYB	15, 70, 108
Decimal	1010766
CIELab	40.21, -33.34, 9.67
CIELCh	40, 34.714, 163.819
Yxy	11.3767, 0.2536, 0.4160
Android (android.graphics.Color)	4279200846 (0xFF0F6C4E)
YUV	76.7730, 0.6049, -54.1749
Hunter-Lab	33.7294, -22.3233, 7.7274

Details

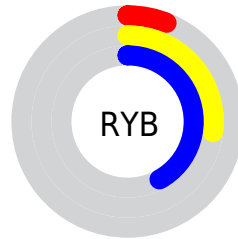
The Yxy color **11.3767, 0.2536, 0.4160** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **3.7227, 0.5096, 0.2777**, and the grayscale version is **7.3874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2517, 0.2695, 0.3912**, and **3.2434, 0.2596, 0.4544** is the 20% darker color. If you saturate the color by 10%, you get **11.2538, 0.2535, 0.4277**, and if you desaturate by 10%, it is **11.5444, 0.2552, 0.4043**.

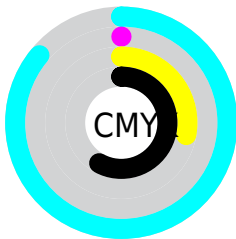
Distribution



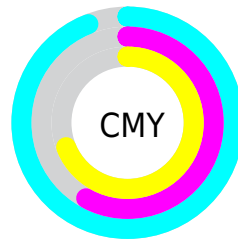
- Red (6%)
- Green (42%)
- Blue (31%)



- Red (6%)
- Yellow (27%)
- Blue (42%)



- Cyan (86%)
- Magenta (0%)
- Yellow (28%)
- Black (58%)




- Cyan (94%)
- Magenta (58%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3767, 0.2536, 0.4160 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 11.3767, 0.2536, 0.4160 by changing the saturation by 10% instead.


 11.3767, 0.2536,
0.4160


 11.3767, 0.2536,
0.4160


 200.2340, 0.2909,
0.3603


 6.3208, 0.2399,
0.4372


 28.3547, 0.2698,
0.3914


 3.0411, 0.2181,
0.4719

 41.0455, 0.2750,
0.3836

 1.1532, 0.1323,
0.5861

 57.0502, 0.2791,
0.3776

 0.0230, 0.0000,
1.0000


 76.7530, 0.2824,
0.3727

 0.0000, 0.0000,
0.0000

 100.5384, 0.2851,
0.3688


 128.7908, 0.2873,

0.3655


 161.8945, 0.2893,
0.3627


 11.3767, 0.2536,
0.4160


 11.3767, 0.2536,
0.4160

 11.2538, 0.2535,
0.4277

 11.5444, 0.2552,
0.4043

 11.2074, 0.2535,
0.4324

 11.7679, 0.2587,
0.3926

 12.0532, 0.2638,
0.3813

 12.4050, 0.2704,
0.3704

 12.8276, 0.2782,
0.3601

■ 13.3251, 0.2870,
0.3505

■ 13.9009, 0.2965,
0.3416

■ 14.5586, 0.3065,
0.3335

■ 15.3014, 0.3168,
0.3262

Harmonies

Analogous

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



11.3767, 0.3248, 0.4676



11.3767, 0.2536, 0.4160



11.3767, 0.2022, 0.3334

Triad

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



11.3767, 0.2536, 0.4160



11.3767, 0.2229, 0.2120



11.3767, 0.4660, 0.3650

Complementary

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



11.3767, 0.2536, 0.4160



3.7227, 0.5096, 0.2777

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.



11.3767, 0.4340, 0.3089



11.3767, 0.2536, 0.4160



11.3767, 0.2848, 0.2256

Square

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



11.3767, 0.2536, 0.4160



11.3767, 0.1876, 0.2230



11.3767, 0.3637, 0.2599



11.3767, 0.4498, 0.4208

Rectangle

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



11.3767, 0.2536, 0.4160



11.3767, 0.1842, 0.2834



11.3767, 0.3637, 0.2599



11.3767, 0.4608, 0.3459

Sweetspot

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



11.3771, 0.2536, 0.4160



23.3305, 0.2864, 0.3511



11.3420, 0.3254, 0.5610



5.5901, 0.2840, 0.3536



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.



11.3771, 0.2536, 0.4160



19.6546, 0.2543, 0.4355



8.9288, 0.2168, 0.2856



3.4761, 0.3036, 0.3358



13.3631, 0.2537, 0.4335



67.9269, 0.2556, 0.4401

Inverse Universe

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



3.7227, 0.5096, 0.2777



5.7890, 0.5624, 0.2872



4.1809, 0.5702, 0.3532



3.1314, 0.3228, 0.3223



3.9420, 0.5579, 0.2847



19.9422, 0.5723, 0.2926

Previews

White Background



This preview shows how the Yxy color 11.3767, 0.2536, 0.4160 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



This preview shows how the Yxy color 11.3767, 0.2536, 0.4160 looks on a 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 11.3767, 0.2536, 0.4160

Background



This preview shows how black text looks on a background with the Yxy color 11.3767, 0.2536, 0.4160.



This preview shows how white text looks on a background with the Yxy color 11.3767, 0.2536, 0.4160.

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

11.3767, 0.2536, 0.4160

Protanopia

11.2400, 0.3570, 0.3807

Deuteranopia

11.2795, 0.3546, 0.3494



Tritanopia

11.4826, 0.2329, 0.3083

Trichromacy



Original Color

11.3767, 0.2536, 0.4160

Protanomaly

10.7202, 0.3039, 0.3962

Deuteranomaly

10.5993, 0.3005, 0.3711

Tritanomaly

11.2993, 0.2389, 0.3423

Monochromacy



Original Color

11.3767, 0.2536, 0.4160

Achromatopsia

7.4214, 0.3127, 0.3290

Achromatomaly

8.2995, 0.2769, 0.3618

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3767, 0.2536, 0.4160 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(15, 108, 78)` looks like.

```
.text, #text, p{  
    color:rgb(15, 108, 78)  
}
```

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(15, 108, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 108, 78) }
```

Border

The CSS property to change the border of an element to Yxy 11.3767, 0.2536, 0.4160 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(15, 108, 78) }
```

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

```
.border{ border-color:rgb(15, 108, 78) }
```

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

Here you see how a box with a 4 pixel rgb(15, 108, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 108, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 108, 78);  
box-shadow:4px 4px 4px 4px rgb(15, 108,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3767, 0.2536, 0.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 108, 78) }
```

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

```
.background{ background-color: rgb(15, 108,  
78) }
```

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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