

Converting Colors

$Yxy(11.0341, 0.2517, 0.4092)$

Have a look what the booklet for
Yxy(11.0341, 0.2517, 0.4092)
contains.

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Color

Yxy(10.9741, 0.2514, 0.4080)

Conversions

Conversions Part 1

Format	Color
Hex	0F6A4F
RGB	15, 106, 79
RGB Percent	6%, 42%, 31%
CMY	0.9414, 0.5843, 0.6901
CMYK	0.86, 0.00, 0.25, 0.58
HSL	162°, 75%, 24%
HSV	162°, 86%, 42%
XYZ	6.7620, 10.9741, 9.1612
YIQ	75.7130, -45.5690, -27.6890

Conversions

Conversions Part 2

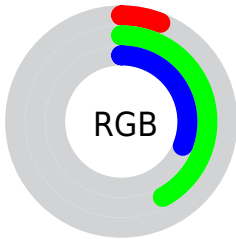
Format	Color
R_{YB}	15, 68, 106
Decimal	1010255
CIE _{Lab}	39.54, -32.20, 8.11
CIE _{LCh}	40, 33.209, 165.856
Yxy	10.9741, 0.2514, 0.4080
Android (android.graphics.Color)	4279200335 (0xFF0F6A4F)
YUV	75.7130, 1.6205, -53.2453
Hunter-Lab	33.1272, -21.5368, 6.7926

Details

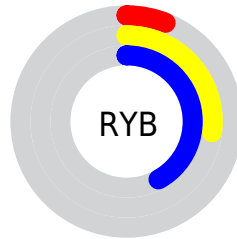
The Yxy color **10.9741, 0.2514, 0.4080** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **3.5713, 0.5170, 0.2827**, and the grayscale version is **7.1730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5900, 0.2683, 0.3858**, and **3.1475, 0.2571, 0.4455** is the 20% darker color. If you saturate the color by 10%, you get **10.8568, 0.2510, 0.4187**, and if you desaturate by 10%, it is **11.1340, 0.2533, 0.3974**.

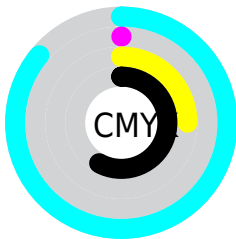
Distribution



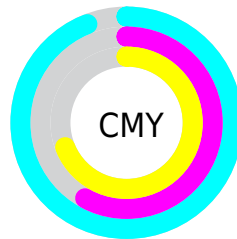
- Red (6%)
- Green (42%)
- Blue (31%)



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



- Cyan (86%)
- Magenta (0%)
- Yellow (25%)
- Black (58%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9741, 0.2514, 0.4080 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 10.9741, 0.2514, 0.4080 by changing the saturation by 10% instead.


 10.9741, 0.2514,
0.4080


 10.9741, 0.2514,
0.4080


197.4898, 0.2900,
0.3574


 6.0494, 0.2373,
0.4273

 27.6123, 0.2682,
0.3856


 2.8752, 0.2149,
0.4589


 40.0945, 0.2736,
0.3786

 1.0669, 0.1165,
0.5716

 55.8648, 0.2778,
0.3731


 0.0000, 0.0000,
0.0000


 75.3075, 0.2812,
0.3687


 98.8069, 0.2840,
0.3651

 126.7475, 0.2863,


0.3621


 159.5136, 0.2883,
0.3596


 10.9741, 0.2514,
0.4080


 10.9741, 0.2514,
0.4080

 10.8568, 0.2510,
0.4187


 11.1340, 0.2533,
0.3974

 10.8110, 0.2509,
0.4231

 11.3471, 0.2570,
0.3868

 11.6190, 0.2623,
0.3765

 11.9543, 0.2691,
0.3667

 12.3571, 0.2772,
0.3573

■ 12.8311, 0.2863,
0.3485

■ 13.3798, 0.2961,
0.3404

■ 14.0064, 0.3065,
0.3330

■ 14.7140, 0.3171,
0.3263

Harmonies

Analogous

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



10.9741, 0.3199, 0.4610



10.9741, 0.2514, 0.4080



10.9741, 0.2030, 0.3282

Triad

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



10.9741, 0.2514, 0.4080



10.9741, 0.2288, 0.2153



10.9741, 0.4617, 0.3683

Complementary

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



10.9741, 0.2514, 0.4080



3.5713, 0.5170, 0.2827

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.



10.9741, 0.4336, 0.3133



10.9741, 0.2514, 0.4080



10.9741, 0.2906, 0.2300

Square

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



10.9741, 0.2514, 0.4080



10.9741, 0.1924, 0.2245



10.9741, 0.3674, 0.2647



10.9741, 0.4435, 0.4222

Rectangle

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



10.9741, 0.2514, 0.4080



10.9741, 0.1866, 0.2808



10.9741, 0.3674, 0.2647



10.9741, 0.4576, 0.3497

Sweetspot

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



10.9745, 0.2514, 0.4080



22.4444, 0.2855, 0.3492



10.8409, 0.3222, 0.5628



5.2078, 0.2832, 0.3513



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



10.9745, 0.2514, 0.4080



18.9519, 0.2516, 0.4259



8.0872, 0.2146, 0.2767



3.4774, 0.3032, 0.3352



13.4099, 0.2512, 0.4243



68.1715, 0.2529, 0.4303

Inverse Universe

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



3.5713, 0.5170, 0.2827



5.5365, 0.5716, 0.2923



4.1953, 0.5629, 0.3590



3.1302, 0.3232, 0.3228



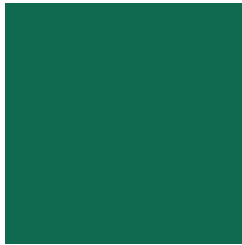
3.9227, 0.5676, 0.2901



19.8518, 0.5818, 0.2979

Previews

White Background



This preview shows how the Yxy color 10.9741, 0.2514, 0.4080 looks on a white background.

Color Contrast Check

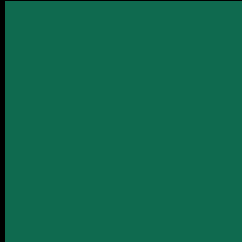
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.9741, 0.2514, 0.4080 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 10.9741, 0.2514, 0.4080

Background



This preview shows how black text looks on a background with the Yxy color 10.9741, 0.2514, 0.4080.



This preview shows how white text looks on a background with the Yxy color 10.9741, 0.2514, 0.4080.

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

10.9741, 0.2514, 0.4080

Protanopia

10.9624, 0.3526, 0.3767

Deuteranopia

10.7725, 0.3488, 0.3429



Tritanopia

11.0218, 0.2327, 0.3080

Trichromacy



Original Color

10.9741, 0.2514, 0.4080

Protanomaly

10.4723, 0.2999, 0.3915

Deuteranomaly

10.1713, 0.2963, 0.3637

Tritanomaly

10.8626, 0.2380, 0.3398

Monochromacy



Original Color

10.9741, 0.2514, 0.4080

Achromatopsia

7.2272, 0.3127, 0.3290

Achromatomaly

8.1365, 0.2766, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9741, 0.2514, 0.4080 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, 106, 79)` looks like.

```
.text, #text, p{  
    color:rgb(15, 106, 79)  
}
```

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, 106, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 106, 79) }
```

Border

The CSS property to change the border of an element to Yxy 10.9741, 0.2514, 0.4080 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, 106, 79) }
```

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

```
.border{ border-color:rgb(15, 106, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 106, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 106, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 106, 79);  
box-shadow:4px 4px 4px 4px rgb(15, 106,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9741, 0.2514, 0.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 106, 79) }
```

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

```
.background{ background-color: rgb(15, 106,  
79) }
```

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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