

Converting Colors

$Y_{xy}(11.0365, 0.2604, 0.4194)$

Have a look what the booklet for
Yxy(11.0365, 0.2604, 0.4194)
contains.

Yxy(11.0357, 0.2603, 0.4194)	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

Yxy(11.0357, 0.2603, 0.4194)

Conversions

Conversions Part 1

Format	Color
Hex	1A6A4B
RGB	26, 106, 75
RGB Percent	10%, 42%, 29%
CMY	0.8983, 0.5843, 0.7058
CMYK	0.76, 0.00, 0.29, 0.58
HSL	157°, 61%, 26%
HSV	157°, 76%, 42%
XYZ	6.8493, 11.0357, 8.4281
YIQ	78.5460, -37.7290, -26.6010

Conversions

Conversions Part 2

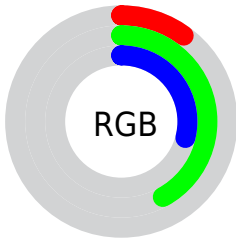
Format	Color
R_{YB}	26, 76, 106
Decimal	1731147
CIE _{Lab}	39.64, -31.76, 10.70
CIE _{LCh}	40, 33.515, 161.388
Yxy	11.0357, 0.2603, 0.4194
Android (android.graphics.Color)	4279921227 (0xFF1A6A4B)
YUV	78.5460, -1.7482, -46.0828
Hunter-Lab	33.2200, -21.3320, 8.2119

Details

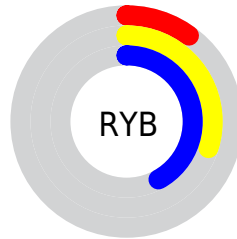
The Yxy color **11.0357, 0.2603, 0.4194** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4.0955, 0.4570, 0.2655**, and the grayscale version is **7.7338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7028, 0.2746, 0.3933**, and **3.1250, 0.2631, 0.4670** is the 20% darker color. If you saturate the color by 10%, you get **10.8673, 0.2590, 0.4336**, and if you desaturate by 10%, it is **11.2602, 0.2633, 0.4053**.

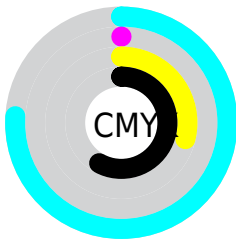
Distribution



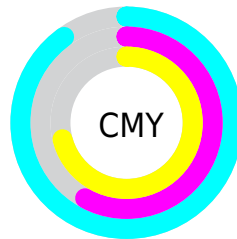
- Red (10%)
- Green (42%)
- Blue (29%)



- Red (10%)
- Yellow (30%)
- Blue (42%)



- Cyan (76%)
- Magenta (0%)
- Yellow (29%)
- Black (58%)





- Cyan (90%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0357, 0.2603, 0.4194 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 11.0357, 0.2603, 0.4194 by changing the saturation by 10% instead.


 11.0357, 0.2603,
0.4194


 11.0357, 0.2603,
0.4194


197.9123, 0.2938,
0.3612


 6.0909, 0.2477,
0.4419

 27.7262, 0.2750,
0.3935

 2.9004, 0.2272,
0.4790


 40.2406, 0.2797,
0.3854

 1.0800, 0.1379,
0.6231

 56.0470, 0.2833,
0.3791

 0.0000, 0.0000,
0.0000

 75.5297, 0.2862,
0.3741

 99.0732, 0.2886,
0.3700

 127.0619, 0.2906,

0.3665

159.8801, 0.2923,
0.3636

11.0357, 0.2603,
0.4194

11.0357, 0.2603,
0.4194

10.8673, 0.2590,
0.4336

11.2602, 0.2633,
0.4053

10.7426, 0.2593,
0.4478

11.5448, 0.2680,
0.3915

10.6904, 0.2595,
0.4542

11.8944, 0.2741,
0.3783

12.3132, 0.2814,
0.3659

12.8049, 0.2895,
0.3543

■ 13.3731, 0.2983,
0.3436

■ 14.0209, 0.3075,
0.3339

■ 14.7515, 0.3169,
0.3252

■ 15.5678, 0.3264,
0.3174

Harmonies

Analogous

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



11.0357, 0.3308, 0.4655



11.0357, 0.2603, 0.4194



11.0357, 0.2077, 0.3400

Triad

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



11.0357, 0.2603, 0.4194



11.0357, 0.2210, 0.2143



11.0357, 0.4616, 0.3601

Complementary

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



11.0357, 0.2603, 0.4194



4.0955, 0.4570, 0.2655

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.



11.0357, 0.4265, 0.3053



11.0357, 0.2603, 0.4194



11.0357, 0.2798, 0.2258

Square

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



11.0357, 0.2603, 0.4194



11.0357, 0.1885, 0.2274



11.0357, 0.3562, 0.2580



11.0357, 0.4497, 0.4151

Rectangle

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



11.0357, 0.2603, 0.4194



11.0357, 0.1884, 0.2901



11.0357, 0.3562, 0.2580



11.0357, 0.4551, 0.3414

Sweetspot

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



11.0361, 0.2603, 0.4194



22.6489, 0.2911, 0.3522



11.2820, 0.3350, 0.5336



5.2462, 0.2888, 0.3552



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.



11.0361, 0.2603, 0.4194



18.8966, 0.2593, 0.4449



9.9947, 0.2271, 0.3069



3.4730, 0.3043, 0.3372



13.2591, 0.2599, 0.4557



67.3872, 0.2621, 0.4636

Inverse Universe

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



4.0955, 0.4570, 0.2655



5.9861, 0.5104, 0.2679



4.2800, 0.5392, 0.3444



3.1344, 0.3219, 0.3210



3.9953, 0.5333, 0.2712



20.1984, 0.5474, 0.2789

Previews

White Background



This preview shows how the Yxy color 11.0357, 0.2603, 0.4194 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 11.0357, 0.2603, 0.4194 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 11.0357, 0.2603, 0.4194

Background



This preview shows how black text looks on a background with the Yxy color 11.0357, 0.2603, 0.4194.



This preview shows how white text looks on a background with the Yxy color 11.0357, 0.2603, 0.4194.

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

11.0357, 0.2603, 0.4194

Protanopia

10.9677, 0.3605, 0.3859

Deuteranopia

10.8351, 0.3588, 0.3519



Tritanopia

11.1421, 0.2368, 0.3082

Trichromacy



Original Color

11.0357, 0.2603, 0.4194

Protanomaly

10.6068, 0.3122, 0.4013

Deuteranomaly

10.3542, 0.3106, 0.3736

Tritanomaly

10.9569, 0.2448, 0.3452

Monochromacy



Original Color

11.0357, 0.2603, 0.4194

Achromatopsia

7.8187, 0.3127, 0.3290

Achromatomaly

8.6555, 0.2840, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0357, 0.2603, 0.4194 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(26, 106, 75)` looks like.

```
.text, #text, p{  
    color:rgb(26, 106, 75)  
}
```

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(26, 106, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 106, 75) }
```

Border

The CSS property to change the border of an element to Yxy 11.0357, 0.2603, 0.4194 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(26, 106, 75) }
```

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

```
.border{ border-color:rgb(26, 106, 75) }
```

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

Here you see how a box with a 4 pixel rgb(26, 106, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 106, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 106, 75);  
box-shadow:4px 4px 4px 4px rgb(26, 106,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0357, 0.2603, 0.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 106, 75) }
```

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

```
.background{ background-color: rgb(26, 106,  
75) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor