

Converting Colors

$Y_{xy}(11.2120, 0.2842, 0.4978)$

Have a look what the booklet for
Yxy(11.2120, 0.2842, 0.4978)
contains.

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Color

Yxy(11.1838, 0.2835, 0.4965)

Conversions

Conversions Part 1

Format	Color
Hex	1A6C33
RGB	26, 108, 51
RGB Percent	10%, 42%, 20%
CMY	0.8981, 0.5765, 0.7999
CMYK	0.76, 0.00, 0.53, 0.58
HSL	138°, 61%, 26%
HSV	138°, 76%, 42%
XYZ	6.3859, 11.1838, 4.9556
YIQ	76.9840, -30.5750, -35.1110

Conversions

Conversions Part 2

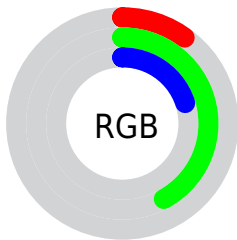
Format	Color
R _Y B	26, 89, 108
Decimal	1731635
CIE Lab	39.89, -37.63, 24.95
CIE LCh	40, 45.153, 146.453
Yxy	11.1838, 0.2835, 0.4965
Android (android.graphics.Color)	4279921715 (0xFF1A6C33)
YUV	76.9840, -12.8101, -44.7130
Hunter-Lab	33.4422, -24.4386, 14.6238

Details

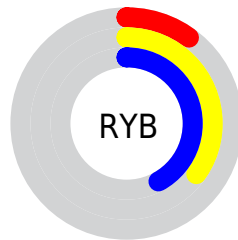
The Yxy color **11.1838, 0.2835, 0.4965** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4.5502, 0.3811, 0.2137**, and the grayscale version is **7.4462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8815, 0.2943, 0.4462**, and **3.1389, 0.2949, 0.5817** is the 20% darker color. If you saturate the color by 10%, you get **11.0070, 0.2840, 0.5202**, and if you desaturate by 10%, it is **11.4258, 0.2845, 0.4715**.

Distribution



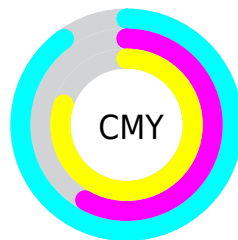
- Red (10%)
- Green (42%)
- Blue (20%)



- Red (10%)
- Yellow (35%)
- Blue (42%)



- Cyan (76%)
- Magenta (0%)
- Yellow (53%)
- Black (58%)



- Cyan (90%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.1838, 0.2835, 0.4965 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 11.1838, 0.2835, 0.4965 by changing the saturation by 10% instead.

■ 11.1838, 0.2835,
0.4965

■ 11.1838, 0.2835,
0.4965

■ 198.9242, 0.3055,
0.3867

■ 6.1906, 0.2722,
0.5394

■ 27.9995, 0.2946,
0.4473

■ 2.9613, 0.2523,
0.6126

■ 40.5909, 0.2977,
0.4320

■ 1.1116, 0.0988,
0.9012

■ 56.4837, 0.2999,
0.4201

■ 0.0000, 0.0000,
0.0000

■ 76.0624, 0.3015,
0.4107

■ 99.7115, 0.3029,
0.4030

■ 127.8152, 0.3039,

0.3967

160.7580, 0.3048,
0.3913

■ 11.1838, 0.2835,
0.4965

■ 11.1838, 0.2835,
0.4965

■ 11.0070, 0.2840,
0.5202

■ 11.4258, 0.2845,
0.4715

■ 10.8815, 0.2856,
0.5418

■ 11.7376, 0.2868,
0.4461

■ 10.8354, 0.2861,
0.5499

■ 12.1248, 0.2902,
0.4214

■ 12.5921, 0.2945,
0.3980

■ 13.1438, 0.2992,
0.3763

■ 13.7840, 0.3043,
0.3565

■ 14.5163, 0.3096,
0.3387

■ 15.3442, 0.3148,
0.3228

■ 16.2712, 0.3200,
0.3088

Harmonies

Analogous

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



11.1838, 0.3763, 0.5142



11.1838, 0.2835, 0.4965



11.1838, 0.2036, 0.3988

Triad

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



11.1838, 0.2835, 0.4965



11.1838, 0.1712, 0.1866



11.1838, 0.4958, 0.3275

Complementary

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



11.1838, 0.2835, 0.4965



4.5502, 0.3811, 0.2137

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.



11.1838, 0.4210, 0.2648



11.1838, 0.2835, 0.4965



11.1838, 0.2271, 0.1878

Square

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



11.1838, 0.2835, 0.4965



11.1838, 0.1484, 0.2168



11.1838, 0.3165, 0.2154



11.1838, 0.5061, 0.3962

Rectangle

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



11.1838, 0.2835, 0.4965



11.1838, 0.1688, 0.3219



11.1838, 0.3165, 0.2154



11.1838, 0.4771, 0.3057

Sweetspot

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



11.1843, 0.2835, 0.4965



23.3212, 0.3004, 0.3715



12.6573, 0.3698, 0.5115



5.5725, 0.2990, 0.3773



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.



11.1843, 0.2835, 0.4965



19.1562, 0.2853, 0.5366



11.7108, 0.2461, 0.3741



3.4586, 0.3080, 0.3438



12.9188, 0.2865, 0.5515



65.6880, 0.2892, 0.5612

Inverse Universe

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



4.5502, 0.3811, 0.2137



6.8209, 0.4026, 0.2056



4.0961, 0.5085, 0.2985



3.1489, 0.3178, 0.3146



4.4043, 0.4121, 0.2044



22.2818, 0.4186, 0.2080

Previews

White Background



This preview shows how the Yxy color 11.1838, 0.2835, 0.4965 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 11.1838, 0.2835, 0.4965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

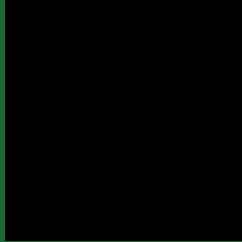
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1838, 0.2835, 0.4965

Background



This preview shows how black text looks on a background with the Yxy color 11.1838, 0.2835, 0.4965.



This preview shows how white text looks on a background with the Yxy color 11.1838, 0.2835, 0.4965.

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

11.1838, 0.2835, 0.4965

Protanopia

11.1457, 0.3994, 0.4363

Deuteranopia

11.0077, 0.4081, 0.4002



Tritanopia

11.2569, 0.2407, 0.3084

Trichromacy



Original Color

11.1838, 0.2835, 0.4965

Protanomaly

10.6736, 0.3455, 0.4623

Deuteranomaly

10.4259, 0.3497, 0.4377

Tritanomaly

11.0730, 0.2552, 0.3705

Monochromacy



Original Color

11.1838, 0.2835, 0.4965

Achromatopsia

7.4214, 0.3127, 0.3290

Achromatomaly

8.2963, 0.2946, 0.3892

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1838, 0.2835, 0.4965 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, 108, 51)` looks like.

```
.text, #text, p{  
    color:rgb(26, 108, 51)  
}
```

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, 108, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 108, 51) }
```

Border

The CSS property to change the border of an element to Yxy 11.1838, 0.2835, 0.4965 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, 108, 51) }
```

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

```
.border{ border-color:rgb(26, 108, 51) }
```

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

Here you see how a box with a 4 pixel rgb(26, 108, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 108, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 108, 51);  
box-shadow:4px 4px 4px 4px rgb(26, 108,  
51) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1838, 0.2835, 0.4965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 108, 51) }
```

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

```
.background{ background-color: rgb(26, 108,  
51) }
```

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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