

Converting Colors

$Y_{xy}(11.4919, 0.2987, 0.5477)$

Have a look what the booklet for
Yxy(11.4919, 0.2987, 0.5477)
contains.

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Color

Yxy(11.4758, 0.2984, 0.5467)

Conversions

Conversions Part 1

Format	Color
Hex	1A6E20
RGB	26, 110, 32
RGB Percent	10%, 43%, 13%
CMY	0.8978, 0.5686, 0.8745
CMYK	0.76, 0.00, 0.71, 0.57
HSL	124°, 62%, 27%
HSV	124°, 76%, 43%
XYZ	6.2637, 11.4758, 3.2515
YIQ	75.9920, -25.0260, -42.0660

Conversions

Conversions Part 2

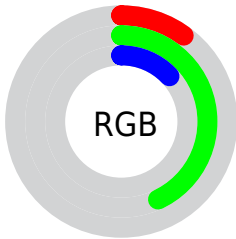
Format	Color
R_{YB}	26, 104, 110
Decimal	1732128
CIE _{Lab}	40.37, -41.02, 35.14
CIE _{LCh}	40, 54.011, 139.411
Yxy	11.4758, 0.2984, 0.5467
Android (android.graphics.Color)	4279922208 (0xFF1A6E20)
YUV	75.9920, -21.6881, -43.8430
Hunter-Lab	33.8760, -26.2779, 18.0223

Details

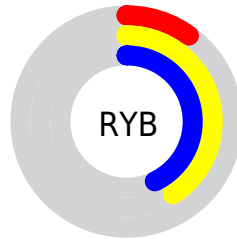
The Yxy color **11.4758, 0.2984, 0.5467** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5.0567, 0.3328, 0.1809**, and the grayscale version is **7.2728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7198, 0.3085, 0.4834**, and **3.3375, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **11.3107, 0.2981, 0.5699**, and if you desaturate by 10%, it is **11.7147, 0.2993, 0.5185**.

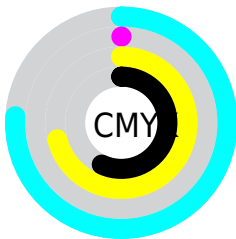
Distribution



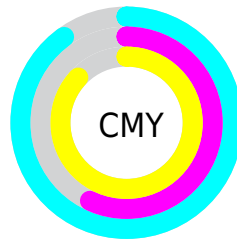
- Red (10%)
- Green (43%)
- Blue (13%)



- Red (10%)
- Yellow (41%)
- Blue (43%)



- Cyan (76%)
- Magenta (0%)
- Yellow (71%)
- Black (57%)




- Cyan (90%)
- Magenta (57%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.4758, 0.2984, 0.5467 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 11.4758, 0.2984, 0.5467 by changing the saturation by 10% instead.


 11.4758, 0.2984,
0.5467


 11.4758, 0.2984,
0.5467


200.9034, 0.3144,
0.4047


 6.3878, 0.2859,
0.5992


 28.5367, 0.3085,
0.4839

 3.0823, 0.2767,
0.7233

 41.2784, 0.3107,
0.4640


 1.1749, 0.0711,
0.9289

 57.3402, 0.3121,
0.4485

 0.0410, 0.0000,
1.0000

 77.1064, 0.3130,
0.4362


 0.0000, 0.0000,
0.0000


 100.9614, 0.3135,
0.4261


 129.2896, 0.3139,


0.4177


 162.4755, 0.3142,
0.4107


 11.4758, 0.2984,
0.5467


 11.4758, 0.2984,
0.5467


 11.3107, 0.2981,
0.5699


 11.7147, 0.2993,
0.5185


 11.2033, 0.2981,
0.5869

 12.0333, 0.3008,
0.4873

 11.1687, 0.2977,
0.5919

 12.4383, 0.3026,
0.4552

 12.9353, 0.3048,
0.4237

 13.5296, 0.3070,
0.3941

■ 14.2259, 0.3092,
0.3671

■ 15.0287, 0.3114,
0.3428

■ 15.9423, 0.3135,
0.3214

■ 16.9706, 0.3154,
0.3027

Harmonies

Analogous

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



11.4758, 0.4032, 0.5341



11.4758, 0.2984, 0.5467



11.4758, 0.2024, 0.4461

Triad

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



11.4758, 0.2984, 0.5467



11.4758, 0.1430, 0.1705



11.4758, 0.5141, 0.3056

Complementary

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



11.4758, 0.2984, 0.5467



5.0567, 0.3328, 0.1809

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.



11.4758, 0.4117, 0.2394



11.4758, 0.2984, 0.5467



11.4758, 0.1951, 0.1658

Square

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



11.4758, 0.2984, 0.5467



11.4758, 0.1259, 0.2116



11.4758, 0.2882, 0.1899



11.4758, 0.5408, 0.3794

Rectangle

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



11.4758, 0.2984, 0.5467



11.4758, 0.1578, 0.3490



11.4758, 0.2882, 0.1899



11.4758, 0.4866, 0.2824

Sweetspot

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



11.4763, 0.2984, 0.5467



24.0733, 0.3076, 0.3865



14.1937, 0.3996, 0.4924



5.5274, 0.3070, 0.3943



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.



11.4763, 0.2984, 0.5467



19.7122, 0.2983, 0.5840



11.8613, 0.2637, 0.4328



3.7667, 0.3108, 0.3491



13.4155, 0.2979, 0.5926



66.7779, 0.2991, 0.5966

Inverse Universe

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



5.0567, 0.3328, 0.1809



7.7780, 0.3373, 0.1672



4.4087, 0.4478, 0.2570



3.4496, 0.3146, 0.3097



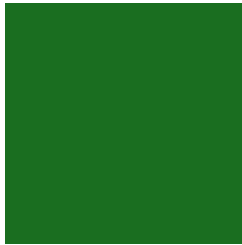
5.1379, 0.3388, 0.1640



25.5411, 0.3399, 0.1646

Previews

White Background



This preview shows how the Yxy color 11.4758, 0.2984, 0.5467 looks on a white background.

Color Contrast Check

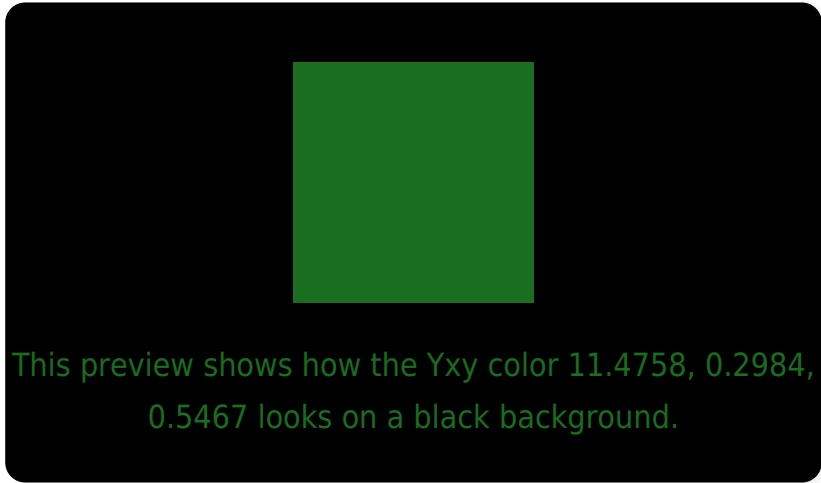
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4758, 0.2984, 0.5467

Background



This preview shows how black text looks on a background with the Yxy color 11.4758, 0.2984, 0.5467.



This preview shows how white text looks on a background with the Yxy color 11.4758, 0.2984, 0.5467.

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

11.4758, 0.2984, 0.5467

Protanopia

11.3324, 0.4212, 0.4659

Deuteranopia

11.3104, 0.4370, 0.4300



Tritanopia

11.5520, 0.2427, 0.3087

Trichromacy



Original Color

11.4758, 0.2984, 0.5467

Protanomaly

10.7808, 0.3655, 0.5026

Deuteranomaly

10.6081, 0.3752, 0.4773

Tritanomaly

11.4095, 0.2648, 0.3958

Monochromacy



Original Color

11.4758, 0.2984, 0.5467

Achromatopsia

7.2272, 0.3127, 0.3290

Achromatomaly

8.2052, 0.3056, 0.4145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4758, 0.2984, 0.5467 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, 110, 32)` looks like.

```
.text, #text, p{  
    color:rgb(26, 110, 32)  
}
```

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, 110, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 110, 32) }
```

Border

The CSS property to change the border of an element to Yxy 11.4758, 0.2984, 0.5467 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, 110, 32) }
```

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

```
.border{ border-color:rgb(26, 110, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 110, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 110, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 110, 32);  
box-shadow:4px 4px 4px 4px rgb(26, 110,  
32) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4758, 0.2984, 0.5467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 110, 32) }
```

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

```
.background{ background-color: rgb(26, 110,  
32) }
```

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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