

Converting Colors

$Y_{xy}(11.6256, 0.3256, 0.4158)$

Have a look what the booklet for
Yxy(11.6256, 0.3256, 0.4158)
contains.

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Color

Yxy(11.6256, 0.3256, 0.4158)

Conversions

Conversions Part 1

Format	Color
Hex	506644
RGB	80, 102, 68
RGB Percent	31%, 40%, 27%
CMY	0.6862, 0.6000, 0.7334
CMYK	0.22, 0.00, 0.33, 0.60
HSL	99°, 20%, 33%
HSV	99°, 33%, 40%
XYZ	9.1036, 11.6256, 7.2304
YIQ	91.5460, -2.1980, -15.2380

Conversions

Conversions Part 2

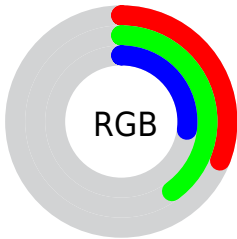
Format	Color
RYB	68, 102, 90
Decimal	5269060
CIELab	40.61, -15.26, 16.62
CIELCh	41, 22.565, 132.556
Yxy	11.6256, 0.3256, 0.4158
Android (android.graphics.Color)	4283459140 (0xFF506644)
YUV	91.5460, -11.6082, -10.1258
Hunter-Lab	34.0963, -12.0095, 11.2946

Details

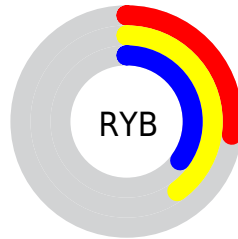
The Yxy color **11.6256, 0.3256, 0.4158** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.2637, 0.2946, 0.2466**, and the grayscale version is **10.6209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7892, 0.3237, 0.3924**, and **3.1384, 0.3278, 0.4696** is the 20% darker color. If you saturate the color by 10%, you get **11.2391, 0.3285, 0.4454**, and if you desaturate by 10%, it is **12.0629, 0.3221, 0.3875**.

Distribution



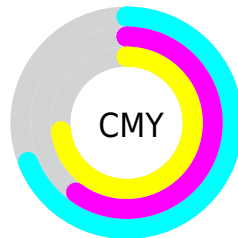
- Red (31%)
- Green (40%)
- Blue (27%)



- Red (27%)
- Yellow (40%)
- Blue (35%)



- Cyan (22%)
- Magenta (0%)
- Yellow (33%)
- Black (60%)



- Cyan (69%)
- Magenta (60%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.6256, 0.3256, 0.4158 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 11.6256, 0.3256, 0.4158 by changing the saturation by 10% instead.

■ 11.6256, 0.3256,
0.4158

■ 11.6256, 0.3256,
0.4158

201.9107, 0.3187,
0.3609

■ 6.4893, 0.3270,
0.4361

■ 28.8114, 0.3232,
0.3918

■ 3.1448, 0.3280,
0.4682

■ 41.6296, 0.3222,
0.3842

■ 1.2078, 0.3597,
0.5836

■ 57.7772, 0.3214,
0.3782

■ 0.0681, 0.0000,
1.0000

■ 77.6387, 0.3207,
0.3734

■ 0.0000, 0.0000,
0.0000

■ 101.5984, 0.3201,
0.3694

130.0407, 0.3196,

0.3661

163.3500, 0.3191,
0.3633

■ 11.6256, 0.3256,
0.4158

■ 11.6256, 0.3256,
0.4158

■ 11.2391, 0.3285,
0.4454

■ 12.0629, 0.3221,
0.3875

■ 10.9001, 0.3305,
0.4752

■ 12.5514, 0.3182,
0.3610

■ 10.6069, 0.3313,
0.5042


■ 13.0932, 0.3141,
0.3366


■ 10.3573, 0.3307,
0.5306


■ 13.6900, 0.3100,
0.3146

■ 10.1488, 0.3285,
0.5532

■ 14.3435, 0.3059,
0.2948


 9.9781, 0.3250,
0.5708

 15.0550, 0.3020,
0.2770

 9.8792, 0.3229,
0.5819

 15.8260, 0.2983,
0.2613

 16.6579, 0.2948,
0.2473

 17.5520, 0.2915,
0.2349

Harmonies

Analogous

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



11.6256, 0.3726, 0.4167



11.6256, 0.3256, 0.4158



11.6256, 0.2773, 0.3849

Triad

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



11.6256, 0.3256, 0.4158



11.6256, 0.2267, 0.2595



11.6256, 0.3892, 0.3160

Complementary

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



11.6256, 0.3256, 0.4158



7.2637, 0.2946, 0.2466

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.



11.6256, 0.3444, 0.2812



11.6256, 0.3256, 0.4158



11.6256, 0.2514, 0.2491

Square

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



11.6256, 0.3256, 0.4158



11.6256, 0.2228, 0.2896



11.6256, 0.2935, 0.2574



11.6256, 0.4119, 0.3556

Rectangle

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



11.6256, 0.3256, 0.4158



11.6256, 0.2508, 0.3529



11.6256, 0.2935, 0.2574



11.6256, 0.3761, 0.3035

Sweetspot

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



11.6261, 0.3256, 0.4158



22.2932, 0.3169, 0.3533



10.4748, 0.3678, 0.3800



5.2377, 0.3173, 0.3557



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



11.6261, 0.3256, 0.4158



19.8530, 0.3279, 0.4388



11.2058, 0.3029, 0.4079



3.1853, 0.3164, 0.3499



12.6675, 0.3219, 0.5826



65.6168, 0.3181, 0.5857

Inverse Universe

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



7.2637, 0.2946, 0.2466



10.9221, 0.2890, 0.2261



7.8289, 0.3244, 0.2612



2.8431, 0.3087, 0.3083



2.6943, 0.2370, 0.1079



13.5500, 0.2322, 0.1053

Previews

White Background



This preview shows how the Yxy color 11.6256, 0.3256, 0.4158 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 11.6256, 0.3256, 0.4158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

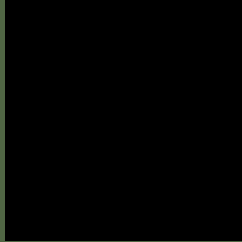
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6256, 0.3256, 0.4158

Background



This preview shows how black text looks on a background with the Yxy color 11.6256, 0.3256, 0.4158.



This preview shows how white text looks on a background with the Yxy color 11.6256, 0.3256, 0.4158.

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

11.6256, 0.3256, 0.4158

Protanopia

11.4496, 0.3702, 0.3984

Deuteranopia

11.6072, 0.3817, 0.3773



Tritanopia

11.5477, 0.2863, 0.3101

Trichromacy



Original Color

11.6256, 0.3256, 0.4158

Protanomaly

11.5616, 0.3535, 0.4059

Deuteranomaly

11.5621, 0.3603, 0.3921

Tritanomaly

11.5812, 0.3003, 0.3461

Monochromacy



Original Color

11.6256, 0.3256, 0.4158

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

11.0650, 0.3188, 0.3611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6256, 0.3256, 0.4158 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(80, 102, 68)` looks like.

```
.text, #text, p{  
    color:rgb(80, 102, 68)  
}
```

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(80, 102, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 102, 68) }
```

Border

The CSS property to change the border of an element to Yxy 11.6256, 0.3256, 0.4158 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(80, 102, 68) }
```

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

```
.border{ border-color:rgb(80, 102, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 102, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 102, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 102, 68);  
box-shadow:4px 4px 4px 4px rgb(80, 102,  
68) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6256, 0.3256, 0.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 102, 68) }
```

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

```
.background{ background-color: rgb(80, 102,  
68) }
```

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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