

Converting Colors

$Y_{xy}(11.0441, 0.2768, 0.4760)$

Have a look what the booklet for
Yxy(11.0441, 0.2768, 0.4760)
contains.

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Color

Yxy(11.0276, 0.2763, 0.4744)

Conversions

Conversions Part 1

Format	Color
Hex	196B3A
RGB	25, 107, 58
RGB Percent	10%, 42%, 23%
CMY	0.9019, 0.5804, 0.7725
CMYK	0.77, 0.00, 0.46, 0.58
HSL	144°, 62%, 26%
HSV	144°, 77%, 42%
XYZ	6.4227, 11.0276, 5.7951
YIQ	76.8960, -33.1430, -32.6230

Conversions

Conversions Part 2

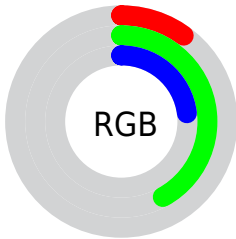
Format	Color
R_{YB}	25, 83, 107
Decimal	1665850
CIE _{Lab}	39.63, -36.12, 20.68
CIE _{LCh}	40, 41.616, 150.207
Yxy	11.0276, 0.2763, 0.4744
Android (android.graphics.Color)	4279855930 (0xFF196B3A)
YUV	76.8960, -9.3157, -45.5128
Hunter-Lab	33.2078, -23.5902, 12.8988

Details

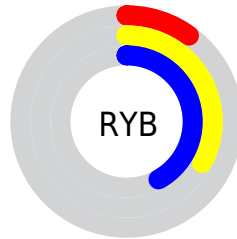
The Yxy color **11.0276, 0.2763, 0.4744** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4.3155, 0.4053, 0.2287**, and the grayscale version is **7.4240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6307, 0.2883, 0.4310**, and **3.0578, 0.2858, 0.5488** is the 20% darker color. If you saturate the color by 10%, you get **10.8560, 0.2766, 0.4959**, and if you desaturate by 10%, it is **11.2603, 0.2777, 0.4523**.

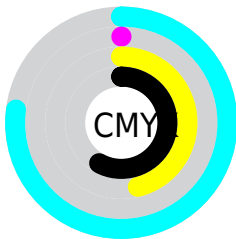
Distribution



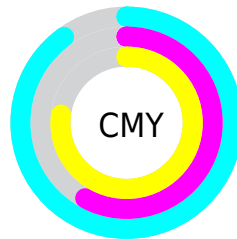
- Red (10%)
- Green (42%)
- Blue (23%)



- Red (10%)
- Yellow (33%)
- Blue (42%)



- Cyan (77%)
- Magenta (0%)
- Yellow (46%)
- Black (58%)




- Cyan (90%)
- Magenta (58%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0276, 0.2763, 0.4744 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 11.0276, 0.2763, 0.4744 by changing the saturation by 10% instead.


 11.0276, 0.2763,
0.4744


 11.0276, 0.2763,
0.4744


197.8568, 0.3017,
0.3792


 6.0854, 0.2647,
0.5120

 27.7112, 0.2884,
0.4316


 2.8971, 0.2440,
0.5738


 40.2214, 0.2920,
0.4184

 1.0782, 0.1086,
0.8914

 56.0230, 0.2946,
0.4081

 0.0000, 0.0000,
0.0000

 75.5005, 0.2967,
0.4000

 99.0382, 0.2983,
0.3933

 127.0206, 0.2997,

0.3878

159.8320, 0.3008,
0.3832

11.0276, 0.2763,
0.4744

11.0276, 0.2763,
0.4744

10.8560, 0.2766,
0.4959

11.2603, 0.2777,
0.4523

10.7302, 0.2782,
0.5163

11.5583, 0.2805,
0.4304

10.6907, 0.2786,
0.5230

11.9271, 0.2847,
0.4092

12.3712, 0.2898,
0.3892

12.8946, 0.2956,
0.3706

■ 13.5010, 0.3019,
0.3536

■ 14.1940, 0.3084,
0.3383

■ 14.9770, 0.3149,
0.3246

■ 15.8531, 0.3214,
0.3124

Harmonies

Analogous

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



11.0276, 0.3634, 0.5029



11.0276, 0.2763, 0.4744



11.0276, 0.2040, 0.3802

Triad

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



11.0276, 0.2763, 0.4744



11.0276, 0.1845, 0.1937



11.0276, 0.4874, 0.3372

Complementary

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



11.0276, 0.2763, 0.4744



4.3155, 0.4053, 0.2287

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.



11.0276, 0.4244, 0.2762



11.0276, 0.2763, 0.4744



11.0276, 0.2418, 0.1979

Square

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



11.0276, 0.2763, 0.4744



11.0276, 0.1588, 0.2190



11.0276, 0.3288, 0.2271



11.0276, 0.4908, 0.4029

Rectangle

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



11.0276, 0.2763, 0.4744



11.0276, 0.1735, 0.3112



11.0276, 0.3288, 0.2271



11.0276, 0.4725, 0.3161

Sweetspot

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



11.0280, 0.2763, 0.4744



23.3970, 0.2974, 0.3654



12.0498, 0.3576, 0.5209



5.5925, 0.2957, 0.3703



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.



11.0280, 0.2763, 0.4744



19.2627, 0.2780, 0.5121



11.6195, 0.2387, 0.3510



3.4631, 0.3068, 0.3417



12.9997, 0.2791, 0.5248



66.0763, 0.2819, 0.5350

Inverse Universe

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



4.3155, 0.4053, 0.2287



6.5512, 0.4368, 0.2244



3.9322, 0.5359, 0.3151



3.1443, 0.3191, 0.3166



4.2459, 0.4487, 0.2245



21.4594, 0.4580, 0.2297

Previews

White Background



This preview shows how the Yxy color 11.0276, 0.2763, 0.4744 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 11.0276, 0.2763, 0.4744 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 11.0276, 0.2763, 0.4744

Background



This preview shows how black text looks on a background with the Yxy color 11.0276, 0.2763, 0.4744.



This preview shows how white text looks on a background with the Yxy color 11.0276, 0.2763, 0.4744.

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

11.0276, 0.2763, 0.4744

Protanopia

10.9105, 0.3876, 0.4214

Deuteranopia

10.8721, 0.3935, 0.3890



Tritanopia

10.9923, 0.2394, 0.3081

Trichromacy



Original Color

11.0276, 0.2763, 0.4744

Protanomaly

10.4670, 0.3344, 0.4441

Deuteranomaly

10.4081, 0.3370, 0.4209

Tritanomaly

10.8508, 0.2522, 0.3651

Monochromacy



Original Color

11.0276, 0.2763, 0.4744

Achromatopsia

7.4214, 0.3127, 0.3290

Achromatomaly

8.3212, 0.2918, 0.3830

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0276, 0.2763, 0.4744 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(25, 107, 58)` looks like.

```
.text, #text, p{  
    color:rgb(25, 107, 58)  
}
```

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(25, 107, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 107, 58) }
```

Border

The CSS property to change the border of an element to Yxy 11.0276, 0.2763, 0.4744 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(25, 107, 58) }
```

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

```
.border{ border-color:rgb(25, 107, 58) }
```

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

Here you see how a box with a 4 pixel rgb(25, 107, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 107, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 107, 58);  
box-shadow:4px 4px 4px 4px rgb(25, 107,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0276, 0.2763, 0.4744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 107, 58) }
```

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

```
.background{ background-color: rgb(25, 107,  
58) }
```

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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