

Converting Colors

$Yxy(11.0411, 0.2201, 0.4981)$

Have a look what the booklet for
Yxy(11.0411, 0.2201, 0.4981)
contains.

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Color

Yxy(11.9253, 0.2662, 0.4784)

Conversions

Conversions Part 1

Format	Color
Hex	00703D
RGB	0, 112, 61
RGB Percent	0%, 44%, 24%
CMY	1.0000, 0.5608, 0.7608
CMYK	1.00, 0.00, 0.46, 0.56
HSL	153°, 100%, 22%
HSV	153°, 100%, 44%
XYZ	6.6357, 11.9253, 6.3665
YIQ	72.6980, -50.3810, -39.6050

Conversions

Conversions Part 2

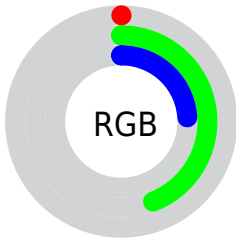
Format	Color
RYB	0, 73, 112
Decimal	28733
CIELab	41.10, -40.23, 20.82
CIELCh	41, 45.293, 152.638
Yxy	11.9253, 0.2662, 0.4784
Android (android.graphics.Color)	4278218813 (0xFF00703D)
YUV	72.6980, -5.7671, -63.7561
Hunter-Lab	34.5330, -26.1331, 13.2425

Details

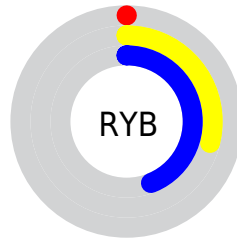
The Yxy color **11.9253, 0.2662, 0.4784** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **3.6841, 0.5047, 0.2554**, and the grayscale version is **6.6245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.4309, 0.2808, 0.4357**, and **3.5955, 0.2847, 0.5448** is the 20% darker color. If you saturate the color by 10%, you get **11.9263, 0.2662, 0.4784**, and if you desaturate by 10%, it is **12.0564, 0.2651, 0.4618**.

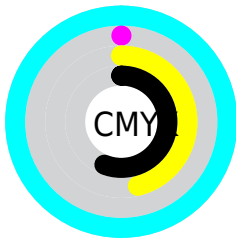
Distribution



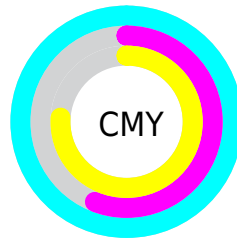
- Red (0%)
- Green (44%)
- Blue (24%)



- Red (0%)
- Yellow (29%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (56%)





- Cyan (100%)
- Magenta (56%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9253, 0.2662, 0.4784 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 11.9253, 0.2662, 0.4784 by changing the saturation by 10% instead.


 11.9253, 0.2662,
0.4784


 11.9253, 0.2662,
0.4784


203.9101, 0.2977,
0.3813


 6.6928, 0.2529,
0.5161


 29.3590, 0.2808,
0.4350


 3.2708, 0.2300,
0.5772

 42.3290, 0.2852,
0.4215


 1.2747, 0.1272,
0.8728

 58.6470, 0.2885,
0.4110

 0.1215, 0.0000,
1.0000

 78.6973, 0.2911,
0.4026


 0.0000, 0.0000,
0.0000


 102.8644, 0.2932,
0.3958


 131.5326, 0.2950,

0.3901


 165.0864, 0.2964,
0.3854


 11.9253, 0.2662,
0.4784


 11.9253, 0.2662,
0.4784


 11.9263, 0.2662,
0.4784

 12.0564, 0.2651,
0.4618

 12.2220, 0.2649,
0.4449

 12.4487, 0.2666,
0.4279

 12.7429, 0.2700,
0.4111

 13.1102, 0.2749,
0.3949

■ 13.5556, 0.2811,
0.3795

■ 14.0837, 0.2882,
0.3652

■ 14.6986, 0.2960,
0.3519

■ 15.4043, 0.3042,
0.3399

Harmonies

Analogous

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



11.9253, 0.3571, 0.5142



11.9253, 0.2662, 0.4784



11.9253, 0.1931, 0.3737

Triad

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



11.9253, 0.2662, 0.4784



11.9253, 0.1818, 0.1865



11.9253, 0.5003, 0.3416

Complementary

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



11.9253, 0.2662, 0.4784



3.6841, 0.5047, 0.2554

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.



11.9253, 0.4383, 0.2779



11.9253, 0.2662, 0.4784



11.9253, 0.2442, 0.1934

Square

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



11.9253, 0.2662, 0.4784



11.9253, 0.1528, 0.2095



11.9253, 0.3377, 0.2256



11.9253, 0.4974, 0.4102

Rectangle

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



11.9253, 0.2662, 0.4784



11.9253, 0.1638, 0.3012



11.9253, 0.3377, 0.2256



11.9253, 0.4864, 0.3196

Sweetspot

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



11.9263, 0.2662, 0.4784



24.6611, 0.2876, 0.3663



12.3266, 0.3353, 0.5720



5.8489, 0.2852, 0.3709



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



11.9263, 0.2662, 0.4784



20.9247, 0.2673, 0.4824



11.9524, 0.2220, 0.3190



3.7908, 0.3051, 0.3387



13.7817, 0.2665, 0.4795



68.4768, 0.2690, 0.4883

Inverse Universe

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



3.6841, 0.5047, 0.2554



6.4472, 0.5105, 0.2586



3.5261, 0.6357, 0.3334



3.4244, 0.3211, 0.3195



4.2542, 0.5063, 0.2563



21.0221, 0.5190, 0.2633

Previews

White Background



This preview shows how the Yxy color 11.9253, 0.2662, 0.4784 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 11.9253, 0.2662, 0.4784 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 11.9253, 0.2662, 0.4784

Background



This preview shows how black text looks on a background with the Yxy color 11.9253, 0.2662, 0.4784.



This preview shows how white text looks on a background with the Yxy color 11.9253, 0.2662, 0.4784.

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

11.9253, 0.2662, 0.4784

Protanopia

11.8894, 0.3877, 0.4226

Deuteranopia

11.9351, 0.3922, 0.3868



Tritanopia

12.0381, 0.2342, 0.3063

Trichromacy



Original Color

11.9253, 0.2662, 0.4784

Protanomaly

10.9914, 0.3202, 0.4509

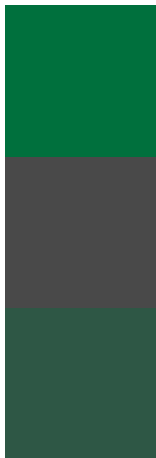
Deuteranomaly

10.9404, 0.3223, 0.4245

Tritanomaly

11.7844, 0.2436, 0.3643

Monochromacy



Original Color

11.9253, 0.2662, 0.4784

Achromatopsia

6.6626, 0.3127, 0.3290

Achromatomaly

7.8269, 0.2766, 0.3859

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9253, 0.2662, 0.4784 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(0, 112, 61)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 61)  
}
```

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(0, 112, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 61) }
```

Border

The CSS property to change the border of an element to Yxy 11.9253, 0.2662, 0.4784 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(0, 112, 61) }
```

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

```
.border{ border-color:rgb(0, 112, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 112, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 61);  
box-shadow:4px 4px 4px 4px rgb(0, 112, 61)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.9253, 0.2662, 0.4784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 61) }
```

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

```
.background{ background-color: rgb(0, 112,  
61) }
```

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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