

Converting Colors

$Yxy(11.3646, 0.2690, 0.4885)$

Have a look what the booklet for
Yxy(11.3646, 0.2690, 0.4885)
contains.

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Color

Yxy(11.4374, 0.2694, 0.4899)

Conversions

Conversions Part 1

Format	Color
Hex	006E38
RGB	0, 110, 56
RGB Percent	0%, 43%, 22%
CMY	1.0000, 0.5686, 0.7803
CMYK	1.00, 0.00, 0.49, 0.57
HSL	151°, 100%, 22%
HSV	151°, 100%, 43%
XYZ	6.2895, 11.4374, 5.6195
YIQ	70.9540, -48.2260, -40.1140

Conversions

Conversions Part 2

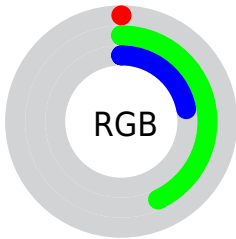
Format	Color
RYB	0, 73, 110
Decimal	28216
CIELab	40.31, -40.47, 22.62
CIELCh	40, 46.359, 150.797
Yxy	11.4374, 0.2694, 0.4899
Android (android.graphics.Color)	4278218296 (0xFF006E38)
YUV	70.9540, -7.3723, -62.2267
Hunter-Lab	33.8192, -25.9872, 13.8217

Details

The Yxy color **11.4374, 0.2694, 0.4899** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **3.5814, 0.4900, 0.2473**, and the grayscale version is **6.3123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6103, 0.2839, 0.4428**, and **3.3640, 0.2890, 0.5602** is the 20% darker color. If you saturate the color by 10%, you get **11.4382, 0.2694, 0.4899**, and if you desaturate by 10%, it is **11.5651, 0.2682, 0.4722**.

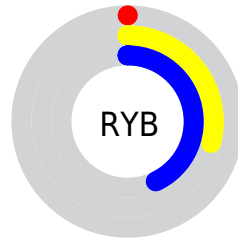
Distribution



Red (0%)

Green (43%)

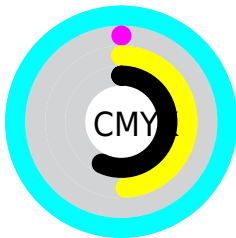
Blue (22%)



Red (0%)

Yellow (29%)

Blue (43%)

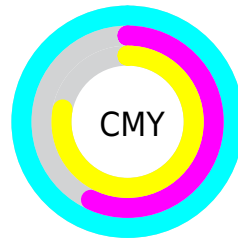


Cyan (100%)

Magenta (0%)

Yellow (49%)

Black (57%)



Cyan (100%)

Magenta (57%)

Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4374, 0.2694, 0.4899 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 11.4374, 0.2694, 0.4899 by changing the saturation by 10% instead.


 11.4374, 0.2694,
0.4899


 11.4374, 0.2694,
0.4899


200.6443, 0.2996,
0.3846


 6.3618, 0.2559,
0.5312


 28.4662, 0.2837,
0.4426


 3.0663, 0.2320,
0.5988

 41.1882, 0.2879,
0.4279


 1.1665, 0.0766,
0.9234

 57.2279, 0.2911,
0.4166

 0.0341, 0.0000,
1.0000

 76.9696, 0.2935,
0.4076


 0.0000, 0.0000,
0.0000


 100.7977, 0.2955,
0.4002


 129.0965, 0.2971,


0.3941


 162.2506, 0.2984,
0.3889


 11.4374, 0.2694,
0.4899


 11.4374, 0.2694,
0.4899


 11.4382, 0.2694,
0.4899

 11.5651, 0.2682,
0.4722

 11.7261, 0.2678,
0.4541

 11.9465, 0.2692,
0.4358

 12.2325, 0.2724,
0.4177

 12.5895, 0.2770,
0.4002

■ 13.0222, 0.2828,
0.3835

■ 13.5351, 0.2895,
0.3680

■ 14.1321, 0.2969,
0.3537

■ 14.8171, 0.3047,
0.3407

Harmonies

Analogous

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



11.4374, 0.3633, 0.5205



11.4374, 0.2694, 0.4899



11.4374, 0.1925, 0.3826

Triad

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



11.4374, 0.2694, 0.4899



11.4374, 0.1752, 0.1828



11.4374, 0.5050, 0.3368

Complementary

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



11.4374, 0.2694, 0.4899



3.5814, 0.4900, 0.2473

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.



11.4374, 0.4372, 0.2723



11.4374, 0.2694, 0.4899



11.4374, 0.2368, 0.1883

Square

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



11.4374, 0.2694, 0.4899



11.4374, 0.1475, 0.2081



11.4374, 0.3317, 0.2198



11.4374, 0.5052, 0.4069

Rectangle

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



11.4374, 0.2694, 0.4899



11.4374, 0.1612, 0.3059



11.4374, 0.3317, 0.2198



11.4374, 0.4894, 0.3145

Sweetspot

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



11.4382, 0.2694, 0.4899



23.6915, 0.2890, 0.3692



11.9648, 0.3398, 0.5684



5.4449, 0.2868, 0.3740



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.



11.4382, 0.2694, 0.4899



20.0622, 0.2706, 0.4942



12.2784, 0.2247, 0.3287



3.7889, 0.3055, 0.3395



13.7341, 0.2698, 0.4914



68.2411, 0.2724, 0.5006

Inverse Universe

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



3.5814, 0.4900, 0.2473



6.2650, 0.4955, 0.2503



3.3152, 0.6401, 0.3300



3.4263, 0.3206, 0.3187



4.2962, 0.4919, 0.2483



21.2280, 0.5038, 0.2549

Previews

White Background



This preview shows how the Yxy color 11.4374, 0.2694, 0.4899 looks on a white background.

Color Contrast Check

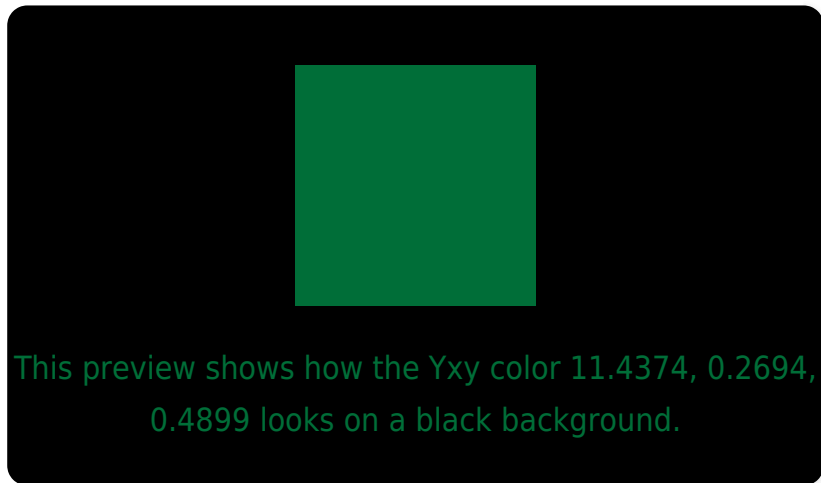
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4374, 0.2694, 0.4899

Background



This preview shows how black text looks on a background with the Yxy color 11.4374, 0.2694, 0.4899.



This preview shows how white text looks on a background with the Yxy color 11.4374, 0.2694, 0.4899.

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

11.4374, 0.2694, 0.4899

Protanopia

11.4267, 0.3935, 0.4276

Deuteranopia

11.3965, 0.3983, 0.3940



Tritanopia

11.5627, 0.2355, 0.3084

Trichromacy



Original Color

11.4374, 0.2694, 0.4899



Protanomaly

10.5647, 0.3254, 0.4575



Deuteranomaly

10.4676, 0.3278, 0.4341



Tritanomaly

11.3138, 0.2450, 0.3678

Monochromacy



Original Color

11.4374, 0.2694, 0.4899



Achromatopsia

6.3010, 0.3127, 0.3290



Achromatomaly

7.4482, 0.2786, 0.3905

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4374, 0.2694, 0.4899 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, 110, 56)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 56)  
}
```

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, 110, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 56) }
```

Border

The CSS property to change the border of an element to Yxy 11.4374, 0.2694, 0.4899 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, 110, 56) }
```

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

```
.border{ border-color:rgb(0, 110, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 110, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 56);  
box-shadow:4px 4px 4px 4px rgb(0, 110, 56)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.4374, 0.2694, 0.4899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 56) }
```

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

```
.background{ background-color: rgb(0, 110,  
56) }
```

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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