

Converting Colors

$Y_{xy}(10.5057, 0.2741, 0.4611)$

Have a look what the booklet for
Yxy(10.5057, 0.2741, 0.4611)
contains.

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Color

Yxy(10.4599, 0.2746, 0.4619)

Conversions

Conversions Part 1

Format	Color
Hex	1B683C
RGB	27, 104, 60
RGB Percent	11%, 41%, 24%
CMY	0.8940, 0.5922, 0.7647
CMYK	0.74, 0.00, 0.42, 0.59
HSL	146°, 59%, 26%
HSV	146°, 74%, 41%
XYZ	6.2184, 10.4599, 5.9671
YIQ	75.9610, -31.7680, -30.0080

Conversions

Conversions Part 2

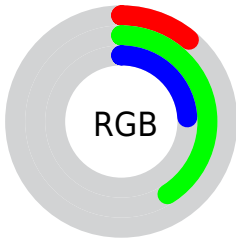
Format	Color
R_{YB}	27, 81, 104
Decimal	1796156
CIE _{Lab}	38.66, -34.11, 18.27
CIE _{LCh}	39, 38.694, 151.832
Yxy	10.4599, 0.2746, 0.4619
Android (android.graphics.Color)	4279986236 (0xFF1B683C)
YUV	75.9610, -7.8688, -42.9388
Hunter-Lab	32.3418, -22.2775, 11.7002

Details

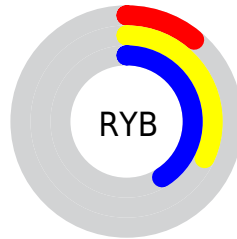
The Yxy color **10.4599, 0.2746, 0.4619** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4.1830, 0.4064, 0.2348**, and the grayscale version is **7.2401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.6535, 0.2864, 0.4223**, and **2.8688, 0.2812, 0.5324** is the 20% darker color. If you saturate the color by 10%, you get **10.2834, 0.2743, 0.4828**, and if you desaturate by 10%, it is **10.6946, 0.2766, 0.4408**.

Distribution



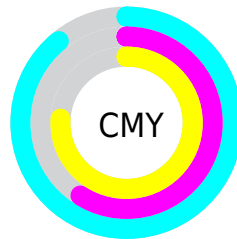
- Red (11%)
- Green (41%)
- Blue (24%)



- Red (11%)
- Yellow (32%)
- Blue (41%)



- Cyan (74%)
- Magenta (0%)
- Yellow (42%)
- Black (59%)





- Cyan (89%)
- Magenta (59%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.4599, 0.2746, 0.4619 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 10.4599, 0.2746, 0.4619 by changing the saturation by 10% instead.

 10.4599, 0.2746,
0.4619


 10.4599, 0.2746,
0.4619


193.9237, 0.3007,
0.3746


 5.7049, 0.2630,
0.4969

 26.6570, 0.2869,
0.4225


 2.6665, 0.2425,
0.5552


 38.8679, 0.2905,
0.4103

 0.9602, 0.0752,
0.9248

 54.3330, 0.2933,
0.4009

 0.0000, 0.0000,
0.0000

 73.4365, 0.2954,
0.3935

 96.5630, 0.2971,
0.3875

 124.0967, 0.2986,

0.3824

156.4222, 0.2997,
0.3782

10.4599, 0.2746,
0.4619

10.4599, 0.2746,
0.4619

10.2834, 0.2743,
0.4828

10.6946, 0.2766,
0.4408

10.1553, 0.2755,
0.5028

10.9912, 0.2800,
0.4201

10.0869, 0.2763,
0.5146

11.3546, 0.2847,
0.4002

11.7887, 0.2902,
0.3815

12.2973, 0.2965,
0.3642

■ 12.8838, 0.3031,
0.3485

■ 13.5514, 0.3099,
0.3343

■ 14.3031, 0.3168,
0.3216

■ 15.1418, 0.3236,
0.3103

Harmonies

Analogous

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



10.4599, 0.3577, 0.4939



10.4599, 0.2746, 0.4619



10.4599, 0.2065, 0.3721

Triad

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



10.4599, 0.2746, 0.4619



10.4599, 0.1923, 0.1992



10.4599, 0.4800, 0.3413

Complementary

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



10.4599, 0.2746, 0.4619



4.1830, 0.4064, 0.2348

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.



10.4599, 0.4229, 0.2820



10.4599, 0.2746, 0.4619



10.4599, 0.2493, 0.2044

Square

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



10.4599, 0.2746, 0.4619



10.4599, 0.1659, 0.2224



10.4599, 0.3333, 0.2337



10.4599, 0.4811, 0.4045

Rectangle

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



10.4599, 0.2746, 0.4619



10.4599, 0.1782, 0.3080



10.4599, 0.3333, 0.2337



10.4599, 0.4667, 0.3208

Sweetspot

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



10.4603, 0.2746, 0.4619



21.7102, 0.2974, 0.3619



11.3548, 0.3554, 0.5164



5.2521, 0.2961, 0.3650



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



10.4603, 0.2746, 0.4619



17.8685, 0.2752, 0.4979



11.0080, 0.2388, 0.3465



3.1603, 0.3066, 0.3410



12.4277, 0.2768, 0.5165



64.6488, 0.2797, 0.5270

Inverse Universe

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



4.1830, 0.4064, 0.2348



6.1352, 0.4396, 0.2291



3.8401, 0.5275, 0.3174



2.8702, 0.3193, 0.3173



4.0163, 0.4585, 0.2299



20.7693, 0.4689, 0.2357

Previews

White Background



This preview shows how the Yxy color 10.4599, 0.2746, 0.4619 looks on a white background.

Color Contrast Check

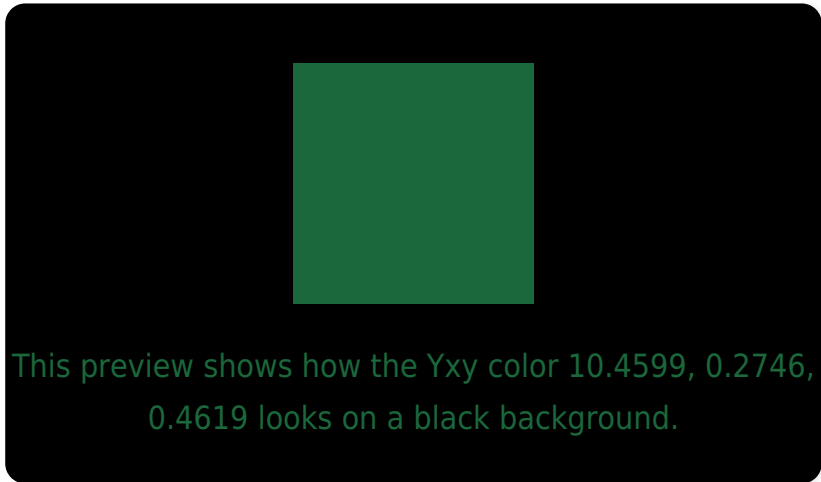
Large Text (above 18pt) WCAG AA ✓ Pass

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

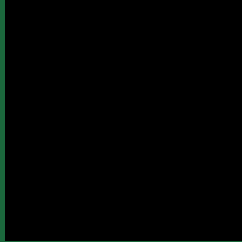
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.4599, 0.2746, 0.4619

Background



This preview shows how black text looks on a background with the Yxy color 10.4599, 0.2746, 0.4619.



This preview shows how white text looks on a background with the Yxy color 10.4599, 0.2746, 0.4619.

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

10.4599, 0.2746, 0.4619

Protanopia

10.4107, 0.3814, 0.4147

Deuteranopia

10.3747, 0.3868, 0.3815



Tritanopia

10.5661, 0.2401, 0.3078

Trichromacy



Original Color

10.4599, 0.2746, 0.4619

Protanomaly

10.0776, 0.3312, 0.4352

Deuteranomaly

9.8498, 0.3339, 0.4093

Tritanomaly

10.4769, 0.2519, 0.3598

Monochromacy



Original Color

10.4599, 0.2746, 0.4619

Achromatopsia

7.2272, 0.3127, 0.3290

Achromatomaly

7.9973, 0.2916, 0.3774

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.4599, 0.2746, 0.4619 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(27, 104, 60)` looks like.

```
.text, #text, p{  
    color:rgb(27, 104, 60)  
}
```

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(27, 104, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 104, 60) }
```

Border

The CSS property to change the border of an element to Yxy 10.4599, 0.2746, 0.4619 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(27, 104, 60) }
```

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

```
.border{ border-color:rgb(27, 104, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 104, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 104, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 104, 60);  
box-shadow:4px 4px 4px 4px rgb(27, 104,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 10.4599, 0.2746, 0.4619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 104, 60) }
```

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

```
.background{ background-color: rgb(27, 104,  
60) }
```

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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