

Converting Colors

$Y_{xy}(10.5866, 0.2932, 0.5754)$

Have a look what the booklet for
Yxy(10.5866, 0.2932, 0.5754)
contains.

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Color

Yxy(10.5659, 0.2931, 0.5753)

Conversions

Conversions Part 1

Format	Color
Hex	006B14
RGB	0, 107, 20
RGB Percent	0%, 42%, 8%
CMY	1.0000, 0.5804, 0.9216
CMYK	1.00, 0.00, 0.81, 0.58
HSL	131°, 100%, 21%
HSV	131°, 100%, 42%
XYZ	5.3830, 10.5659, 2.4170
YIQ	65.0890, -35.8450, -49.7410

Conversions

Conversions Part 2

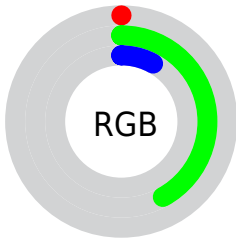
Format	Color
RYB	0, 90, 107
Decimal	27412
CIELab	38.84, -44.36, 38.34
CIELCh	39, 58.637, 139.163
Yxy	10.5659, 0.2931, 0.5753
Android (android.graphics.Color)	4278217492 (0xFF006B14)
YUV	65.0890, -22.2289, -57.0831
Hunter-Lab	32.5052, -27.3236, 18.3451

Details

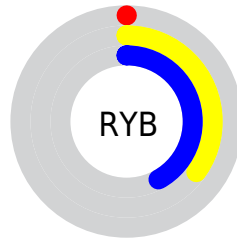
The Yxy color **10.5659, 0.2931, 0.5753** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **3.8145, 0.3717, 0.1821**, and the grayscale version is **5.3395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.0003, 0.3066, 0.5041**, and **3.0261, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **10.5669, 0.2931, 0.5753**, and if you desaturate by 10%, it is **10.6728, 0.2924, 0.5562**.

Distribution



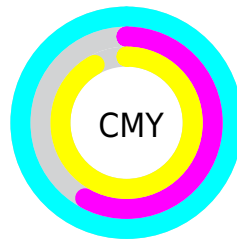
- Red (0%)
- Green (42%)
- Blue (8%)



- Red (0%)
- Yellow (35%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (81%)
- Black (58%)





- Cyan (100%)
- Magenta (58%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.5659, 0.2931, 0.5753 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 10.5659, 0.2931, 0.5753 by changing the saturation by 10% instead.


 10.5659, 0.2931,
0.5753


 10.5659, 0.2931,
0.5753


194.6646, 0.3145,
0.4128


 5.7757, 0.2764,
0.6359

 26.8546, 0.3068,
0.5031


 2.7092, 0.2495,
0.7505


 39.1219, 0.3097,
0.4803

 0.9819, 0.0000,
1.0000

 54.6505, 0.3115,
0.4626

 0.0000, 0.0000,
0.0000


 73.8246, 0.3127,
0.4485


 97.0286, 0.3134,
0.4371


 124.6471, 0.3140,

0.4276


 157.0643, 0.3143,
0.4196


 10.5659, 0.2931,
0.5753


 10.5659, 0.2931,
0.5753


 10.5669, 0.2931,
0.5753

 10.6728, 0.2924,
0.5562

 10.8163, 0.2916,
0.5331

 11.0231, 0.2919,
0.5065

 11.2996, 0.2932,
0.4781

 11.6515, 0.2955,
0.4492

■ 12.0837, 0.2984,
0.4212

■ 12.6010, 0.3018,
0.3947

■ 13.2076, 0.3054,
0.3704

■ 13.9074, 0.3091,
0.3485

Harmonies

Analogous

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



10.5659, 0.4063, 0.5515



10.5659, 0.2931, 0.5753



10.5659, 0.1902, 0.4626

Triad

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



10.5659, 0.2931, 0.5753



10.5659, 0.1295, 0.1572



10.5659, 0.5356, 0.2996

Complementary

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



10.5659, 0.2931, 0.5753



3.8145, 0.3717, 0.1821

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.



10.5659, 0.4209, 0.2302



10.5659, 0.2931, 0.5753



10.5659, 0.1837, 0.1528

Square

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



10.5659, 0.2931, 0.5753



10.5659, 0.1115, 0.1995



10.5659, 0.2836, 0.1781



10.5659, 0.5620, 0.3767

Rectangle

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



10.5659, 0.2931, 0.5753



10.5659, 0.1434, 0.3504



10.5659, 0.2836, 0.1781



10.5659, 0.5051, 0.2754

Sweetspot

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



10.5669, 0.2931, 0.5753



22.4771, 0.3015, 0.3969



12.5614, 0.3888, 0.5295



5.3659, 0.3004, 0.4051



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.



10.5669, 0.2931, 0.5753



18.9048, 0.2942, 0.5792



10.9991, 0.2528, 0.4301



3.4532, 0.3094, 0.3464



12.8502, 0.2935, 0.5767



65.3790, 0.2956, 0.5843

Inverse Universe

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



3.8145, 0.3717, 0.1821



6.8132, 0.3733, 0.1830



3.2409, 0.5577, 0.2846



3.1547, 0.3162, 0.3122



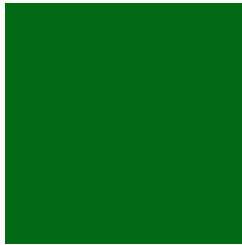
4.6360, 0.3723, 0.1824



23.5031, 0.3757, 0.1844

Previews

White Background



This preview shows how the Yxy color 10.5659, 0.2931, 0.5753 looks on a white background.

Color Contrast Check

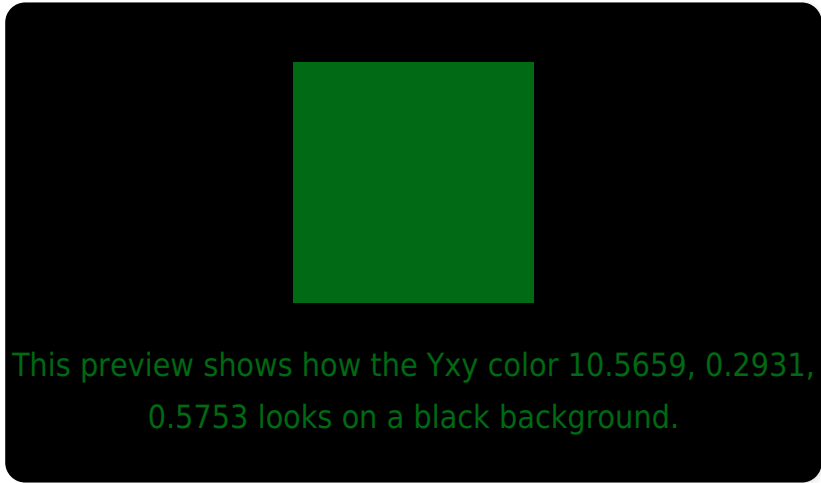
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.5659, 0.2931, 0.5753

Background



This preview shows how black text looks on a background with the Yxy color 10.5659, 0.2931, 0.5753.



This preview shows how white text looks on a background with the Yxy color 10.5659, 0.2931, 0.5753.

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

10.5659, 0.2931, 0.5753

Protanopia

10.5753, 0.4301, 0.4781

Deuteranopia

10.4875, 0.4453, 0.4413



Tritanopia

10.7325, 0.2382, 0.3079

Trichromacy



Original Color

10.5659, 0.2931, 0.5753

Protanomaly

9.7481, 0.3593, 0.5288

Deuteranomaly

9.4965, 0.3675, 0.5030

Tritanomaly

10.4692, 0.2590, 0.4088

Monochromacy



Original Color

10.5659, 0.2931, 0.5753

Achromatopsia

5.2861, 0.3127, 0.3290

Achromatomaly

6.4305, 0.2953, 0.4379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5659, 0.2931, 0.5753 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, 107, 20)` looks like.

```
.text, #text, p{  
    color:rgb(0, 107, 20)  
}
```

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, 107, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 20) }
```

Border

The CSS property to change the border of an element to Yxy 10.5659, 0.2931, 0.5753 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, 107, 20) }
```

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

```
.border{ border-color:rgb(0, 107, 20) }
```

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

Here you see how a box with a 4 pixel rgb(0, 107, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 107, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 107, 20);  
box-shadow:4px 4px 4px 4px rgb(0, 107, 20)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.5659, 0.2931, 0.5753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 107, 20) }
```

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

```
.background{ background-color: rgb(0, 107,  
20) }
```

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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