

Converting Colors

$Yxy(10.6866, 0.2802, 0.5286)$

Have a look what the booklet for
Yxy(10.6866, 0.2802, 0.5286)
contains.

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Color

Yxy(10.6755, 0.2802, 0.5287)

Conversions

Conversions Part 1

Format	Color
Hex	006B29
RGB	0, 107, 41
RGB Percent	0%, 42%, 16%
CMY	1.0000, 0.5804, 0.8393
CMYK	1.00, 0.00, 0.62, 0.58
HSL	143°, 100%, 21%
HSV	143°, 100%, 42%
XYZ	5.6578, 10.6755, 3.8587
YIQ	67.4830, -42.5860, -43.2100

Conversions

Conversions Part 2

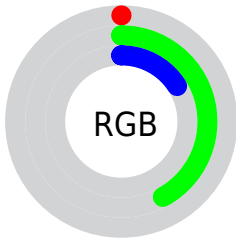
Format	Color
RYB	0, 77, 107
Decimal	27433
CIELab	39.03, -41.96, 29.18
CIELCh	39, 51.115, 145.185
Yxy	10.6755, 0.2802, 0.5287
Android (android.graphics.Color)	4278217513 (0xFF006B29)
YUV	67.4830, -13.0561, -59.1826
Hunter-Lab	32.6734, -26.2690, 15.8693

Details

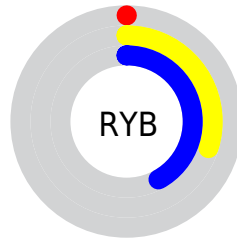
The Yxy color **10.6755, 0.2802, 0.5287** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **3.5198, 0.4396, 0.2195**, and the grayscale version is **5.7203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.8953, 0.2933, 0.4676**, and **3.0261, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **10.6758, 0.2802, 0.5287**, and if you desaturate by 10%, it is **10.7951, 0.2786, 0.5083**.

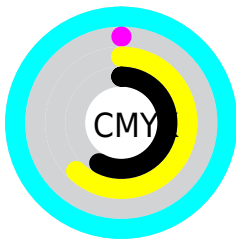
Distribution



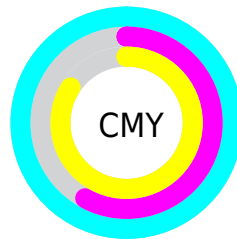
- Red (0%)
- Green (42%)
- Blue (16%)



- Red (0%)
- Yellow (30%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (58%)





- Cyan (100%)
- Magenta (58%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6755, 0.2802, 0.5287 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 10.6755, 0.2802, 0.5287 by changing the saturation by 10% instead.


 10.6755, 0.2802,
0.5287


 10.6755, 0.2802,
0.5287


195.4275, 0.3060,
0.3965

 5.8491, 0.2657,
0.5806

 27.0585, 0.2938,
0.4690


 2.7535, 0.2468,
0.6897


 39.3839, 0.2974,
0.4506

 1.0045, 0.0000,
1.0000

 54.9778, 0.2999,
0.4364


 0.0000, 0.0000,
0.0000


 74.2245, 0.3018,
0.4251


 97.5084, 0.3032,
0.4159


 125.2140, 0.3043,


0.4083


 157.7255, 0.3052,
0.4019


 10.6755, 0.2802,
0.5287

 10.6755, 0.2802,
0.5287


 10.6758, 0.2802,
0.5287

 10.7951, 0.2786,
0.5083

 10.9480, 0.2777,
0.4868

 11.1594, 0.2784,
0.4642

 11.4354, 0.2807,
0.4415

 11.7811, 0.2843,
0.4192

■ 12.2011, 0.2889,
0.3981

■ 12.6996, 0.2943,
0.3783

■ 13.2806, 0.3002,
0.3601

■ 13.9477, 0.3064,
0.3437

Harmonies

Analogous

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



10.6755, 0.3832, 0.5380



10.6755, 0.2802, 0.5287



10.6755, 0.1911, 0.4153

Triad

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



10.6755, 0.2802, 0.5287



10.6755, 0.1538, 0.1709



10.6755, 0.5198, 0.3205

Complementary

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



10.6755, 0.2802, 0.5287



3.5198, 0.4396, 0.2195

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.



10.6755, 0.4316, 0.2534



10.6755, 0.2802, 0.5287



10.6755, 0.2125, 0.1718

Square

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



10.6755, 0.2802, 0.5287



10.6755, 0.1306, 0.2038



10.6755, 0.3109, 0.2007



10.6755, 0.5310, 0.3945

Rectangle

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



10.6755, 0.2802, 0.5287



10.6755, 0.1528, 0.3236



10.6755, 0.3109, 0.2007



10.6755, 0.4978, 0.2972

Sweetspot

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



10.6759, 0.2802, 0.5287



22.6572, 0.2938, 0.3799



11.7367, 0.3593, 0.5529



5.4124, 0.2921, 0.3861



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.



10.6759, 0.2802, 0.5287



19.0930, 0.2816, 0.5337



11.3016, 0.2359, 0.3691



3.4622, 0.3071, 0.3421



12.9815, 0.2807, 0.5305



65.9876, 0.2835, 0.5407

Inverse Universe

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



3.5198, 0.4396, 0.2195



6.2778, 0.4437, 0.2218



3.1586, 0.6136, 0.3154



3.1452, 0.3188, 0.3162



4.2755, 0.4411, 0.2203



21.6125, 0.4498, 0.2252

Previews

White Background



This preview shows how the Yxy color 10.6755, 0.2802, 0.5287 looks on a white background.

Color Contrast Check

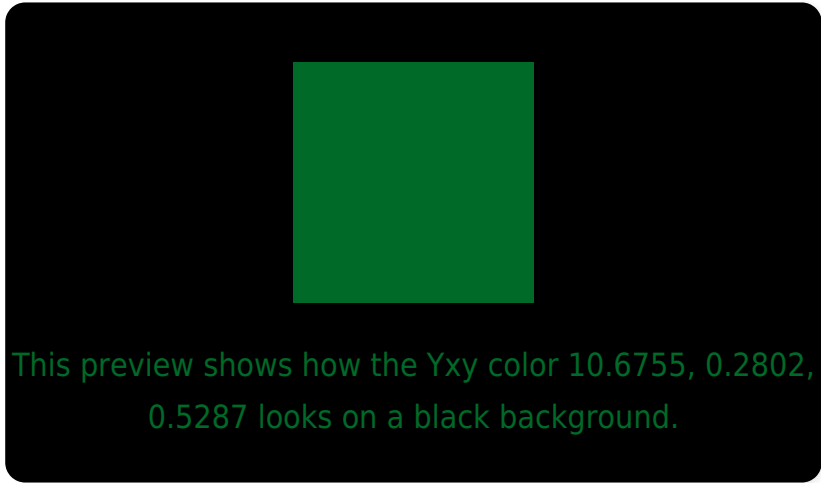
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.6755, 0.2802, 0.5287

Background



This preview shows how black text looks on a background with the Yxy color 10.6755, 0.2802, 0.5287.



This preview shows how white text looks on a background with the Yxy color 10.6755, 0.2802, 0.5287.

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

10.6755, 0.2802, 0.5287

Protanopia

10.6126, 0.4095, 0.4508

Deuteranopia

10.6954, 0.4209, 0.4163



Tritanopia

10.7106, 0.2374, 0.3079

Trichromacy



Original Color

10.6755, 0.2802, 0.5287



Protanomaly

9.8131, 0.3404, 0.4910



Deuteranomaly

9.7516, 0.3451, 0.4650



Tritanomaly

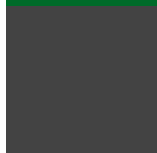
10.5736, 0.2506, 0.3839

Monochromacy



Original Color

10.6755, 0.2802, 0.5287



Achromatopsia

5.6128, 0.3127, 0.3290



Achromatomaly

6.8537, 0.2860, 0.4103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6755, 0.2802, 0.5287 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, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 107, 41)  
}
```

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, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 41) }
```

Border

The CSS property to change the border of an element to Yxy 10.6755, 0.2802, 0.5287 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, 41) }
```

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

```
.border{ border-color:rgb(0, 107, 41) }
```

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, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 107, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 107, 41);  
box-shadow:4px 4px 4px 4px rgb(0, 107, 41)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.6755, 0.2802, 0.5287 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, 41) }
```

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

```
.background{ background-color: rgb(0, 107,  
41) }
```

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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