

Converting Colors

$Y_{xy}(11.3443, 0.3886, 0.5296)$

Have a look what the booklet for
Yxy(11.3443, 0.3886, 0.5296)
contains.

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Color

Yxy(11.3417, 0.3885, 0.5297)

Conversions

Conversions Part 1

Format	Color
Hex	536600
RGB	83, 102, 0
RGB Percent	33%, 40%, 0%
CMY	0.6745, 0.6000, 0.9999
CMYK	0.19, 0.00, 1.00, 0.60
HSL	71°, 100%, 20%
HSV	71°, 100%, 40%
XYZ	8.3184, 11.3417, 1.7515
YIQ	84.6910, 21.4180, -35.7500

Conversions

Conversions Part 2

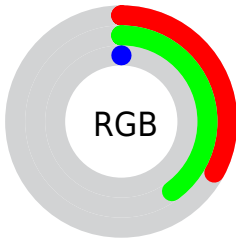
Format	Color
RYB	0, 102, 19
Decimal	5465600
CIELab	40.15, -20.03, 46.32
CIELCh	40, 50.471, 113.388
Yxy	11.3417, 0.3885, 0.5297
Android (android.graphics.Color)	4283655680 (0xFF536600)
YUV	84.6910, -41.7527, -1.4830
Hunter-Lab	33.6774, -14.8457, 20.4907

Details

The Yxy color **11.3417, 0.3885, 0.5297** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.0989, 0.1626, 0.0670**, and the grayscale version is **9.1026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3222, 0.3786, 0.4807**, and **3.0557, 0.3602, 0.5522** is the 20% darker color. If you saturate the color by 10%, you get **11.3419, 0.3885, 0.5297**, and if you desaturate by 10%, it is **11.4522, 0.3875, 0.5194**.

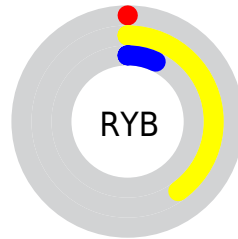
Distribution



Red (33%)

Green (40%)

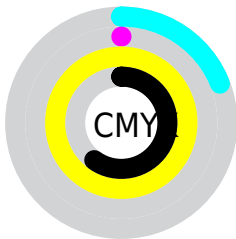
Blue (0%)



Red (0%)

Yellow (40%)

Blue (7%)

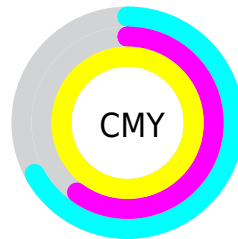


Cyan (19%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (67%)


Magenta (60%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3417, 0.3885, 0.5297 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 11.3417, 0.3885, 0.5297 by changing the saturation by 10% instead.


 11.3417, 0.3885,
0.5297


 11.3417, 0.3885,
0.5297

 199.9970, 0.3514,
0.4074


 6.2972, 0.3941,
0.5701


 28.2903, 0.3779,
0.4803


 3.0266, 0.3861,
0.6139

 40.9632, 0.3727,
0.4631


 1.1456, 0.3357,
0.6643

 56.9476, 0.3679,
0.4491

 0.0166, 0.0000,
1.0000


 76.6280, 0.3637,
0.4377


 0.0000, 0.0000,
0.0000


 100.3888, 0.3601,
0.4282


 128.6142, 0.3568,


0.4202

 161.6889, 0.3540,
0.4133


 11.3417, 0.3885,
0.5297

 11.3417, 0.3885,
0.5297


 11.3419, 0.3885,
0.5297

 11.4522, 0.3875,
0.5194

 11.5720, 0.3854,
0.5071

 11.7094, 0.3810,
0.4910

 11.8662, 0.3745,
0.4715

 12.0439, 0.3662,
0.4494

■ 12.2439, 0.3565,
0.4255

■ 12.4673, 0.3459,
0.4009

■ 12.7152, 0.3349,
0.3762

■ 12.9887, 0.3237,
0.3520

Harmonies

Analogous

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



11.3417, 0.4763, 0.4667



11.3417, 0.3885, 0.5297



11.3417, 0.2880, 0.5250

Triad

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



11.3417, 0.3885, 0.5297



11.3417, 0.1345, 0.2107



11.3417, 0.4213, 0.2520

Complementary

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



11.3417, 0.3885, 0.5297



1.0989, 0.1626, 0.0670

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.



11.3417, 0.3046, 0.2014



11.3417, 0.3885, 0.5297



11.3417, 0.1553, 0.1757

Square

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



11.3417, 0.3885, 0.5297



11.3417, 0.1471, 0.2927



11.3417, 0.2107, 0.1747



11.3417, 0.5102, 0.3174

Rectangle

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



11.3417, 0.3885, 0.5297



11.3417, 0.2257, 0.4634



11.3417, 0.2107, 0.1747



11.3417, 0.3824, 0.2329

Sweetspot

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



11.3422, 0.3885, 0.5297



21.8267, 0.3469, 0.4031



3.2816, 0.6123, 0.3520



5.1212, 0.3501, 0.4104



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



11.3422, 0.3885, 0.5297



19.8465, 0.3876, 0.5304



9.8157, 0.3192, 0.5847



3.2435, 0.3225, 0.3495



14.5505, 0.3881, 0.5301



75.5359, 0.3862, 0.5316

Inverse Universe

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



1.0989, 0.1626, 0.0670



1.8855, 0.1605, 0.0658



2.2514, 0.2464, 0.1131



2.7860, 0.3024, 0.3079



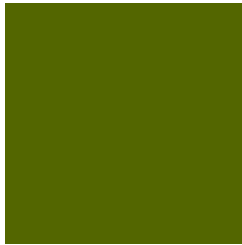
1.3958, 0.1616, 0.0664



6.9873, 0.1577, 0.0642

Previews

White Background



This preview shows how the Yxy color 11.3417, 0.3885, 0.5297 looks on a white background.

Color Contrast Check

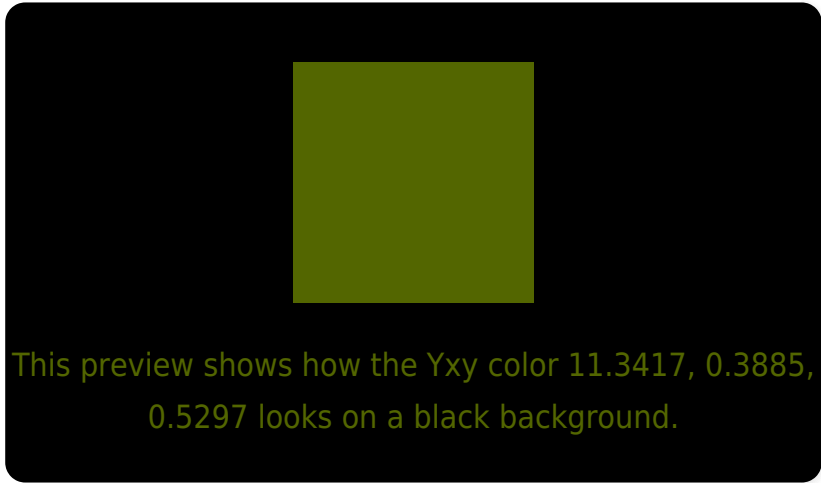
Large Text (above 18pt) WCAG AA ✓ Pass

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

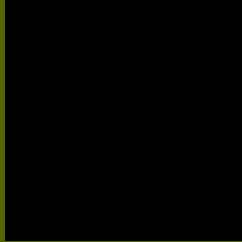
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3417, 0.3885, 0.5297

Background



This preview shows how black text looks on a background with the Yxy color 11.3417, 0.3885, 0.5297.



This preview shows how white text looks on a background with the Yxy color 11.3417, 0.3885, 0.5297.

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

11.3417, 0.3885, 0.5297

Protanopia

11.3102, 0.4394, 0.4893

Deuteranopia

11.2779, 0.4586, 0.4547



Tritanopia

11.3679, 0.2971, 0.3126

Trichromacy



Original Color

11.3417, 0.3885, 0.5297

Protanomaly

11.3320, 0.4193, 0.5053

Deuteranomaly

11.0937, 0.4345, 0.4817

Tritanomaly

11.1917, 0.3435, 0.4114

Monochromacy



Original Color

11.3417, 0.3885, 0.5297

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.6333, 0.3564, 0.4259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3417, 0.3885, 0.5297 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(83, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(83, 102, 0)  
}
```

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(83, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 102, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.3417, 0.3885, 0.5297 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(83, 102, 0) }
```

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

```
.border{ border-color:rgb(83, 102, 0) }
```

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

Here you see how a box with a 4 pixel rgb(83, 102, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(83, 102, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.3417, 0.3885, 0.5297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 102, 0) }
```

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

```
.background{ background-color: rgb(83, 102,  
0) }
```

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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