

Converting Colors

$Y_{xy}(11.9649, 0.4089, 0.5135)$

Have a look what the booklet for
Yxy(11.9649, 0.4089, 0.5135)
contains.

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Color

Yxy(11.9895, 0.4096, 0.5129)

Conversions

Conversions Part 1

Format	Color
Hex	606600
RGB	96, 102, 0
RGB Percent	38%, 40%, 0%
CMY	0.6236, 0.6000, 0.9997
CMYK	0.06, 0.00, 1.00, 0.60
HSL	64°, 100%, 20%
HSV	64°, 100%, 40%
XYZ	9.5748, 11.9895, 1.8116
YIQ	88.5780, 29.1660, -32.9940

Conversions

Conversions Part 2

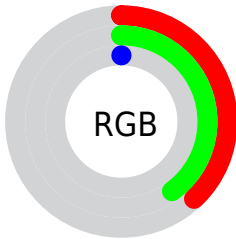
Format	Color
RYB	0, 102, 6
Decimal	6317568
CIELab	41.20, -13.90, 47.56
CIELCh	41, 49.551, 106.292
Yxy	11.9895, 0.4096, 0.5129
Android (android.graphics.Color)	4284507648 (0xFF606600)
YUV	88.5780, -43.6690, 6.5091
Hunter-Lab	34.6259, -11.2363, 21.1360

Details

The Yxy color **11.9895, 0.4096, 0.5129** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.0004, 0.1537, 0.0621**, and the grayscale version is **9.9871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.5823, 0.3937, 0.4704**, and **3.2903, 0.3921, 0.5269** is the 20% darker color. If you saturate the color by 10%, you get **11.9896, 0.4096, 0.5130**, and if you desaturate by 10%, it is **12.0452, 0.4065, 0.5051**.

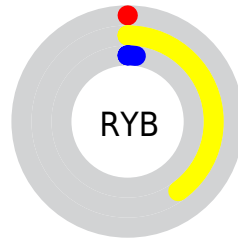
Distribution



Red (38%)

Green (40%)

Blue (0%)



Red (0%)

Yellow (40%)

Blue (2%)

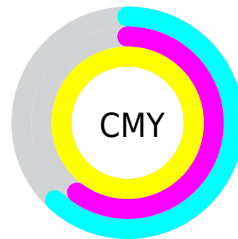


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (62%)


Magenta (60%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9895, 0.4096, 0.5129 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 11.9895, 0.4096, 0.5129 by changing the saturation by 10% instead.


 11.9895, 0.4096,
0.5129


 11.9895, 0.4096,
0.5129


 204.3358, 0.3595,
0.4043


 6.7365, 0.4193,
0.5455


 29.4760, 0.3935,
0.4705


 3.2979, 0.4200,
0.5800

 42.4783, 0.3864,
0.4552

 1.2892, 0.3943,
0.6057

 58.8325, 0.3802,
0.4427

 0.1328, 0.0000,
1.0000

 78.9230, 0.3749,
0.4323


 0.0000, 0.0000,
0.0000


 103.1342, 0.3703,
0.4236


 131.8504, 0.3662,

0.4162


 165.4562, 0.3627,
0.4098


 11.9895, 0.4096,
0.5129

 11.9895, 0.4096,
0.5129


 11.9896, 0.4096,
0.5130

 12.0452, 0.4065,
0.5051

 12.1079, 0.4023,
0.4953

 12.1862, 0.3957,
0.4818

 12.2817, 0.3871,
0.4647

 12.3960, 0.3766,
0.4447

■ 12.5302, 0.3647,
0.4227

■ 12.6857, 0.3520,
0.3993

■ 12.8635, 0.3388,
0.3754

■ 13.0645, 0.3256,
0.3518

Harmonies

Analogous

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



11.9895, 0.4881, 0.4467



11.9895, 0.4096, 0.5129



11.9895, 0.3129, 0.5273

Triad

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



11.9895, 0.4096, 0.5129



11.9895, 0.1390, 0.2291



11.9895, 0.3912, 0.2410

Complementary

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



11.9895, 0.4096, 0.5129



1.0004, 0.1537, 0.0621

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.



11.9895, 0.2805, 0.1965



11.9895, 0.4096, 0.5129



11.9895, 0.1518, 0.1849

Square

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



11.9895, 0.4096, 0.5129



11.9895, 0.1603, 0.3208



11.9895, 0.1977, 0.1765



11.9895, 0.4884, 0.3027

Rectangle

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



11.9895, 0.4096, 0.5129



11.9895, 0.2495, 0.4832



11.9895, 0.1977, 0.1765



11.9895, 0.3530, 0.2238

Sweetspot

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



11.9901, 0.4096, 0.5129



22.2187, 0.3532, 0.4015



2.9375, 0.6326, 0.3357



5.2220, 0.3570, 0.4084



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.



11.9901, 0.4096, 0.5129



21.0088, 0.4093, 0.5132



10.0834, 0.3339, 0.5730



3.2601, 0.3243, 0.3494



15.3913, 0.4095, 0.5131



80.1397, 0.4089, 0.5135

Inverse Universe

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



1.0004, 0.1537, 0.0621



1.7329, 0.1527, 0.0615



1.8058, 0.2177, 0.0973



2.7707, 0.3007, 0.3078



1.2758, 0.1532, 0.0617



6.5216, 0.1513, 0.0607

Previews

White Background



This preview shows how the Yxy color 11.9895, 0.4096, 0.5129 looks on a white background.

Color Contrast Check

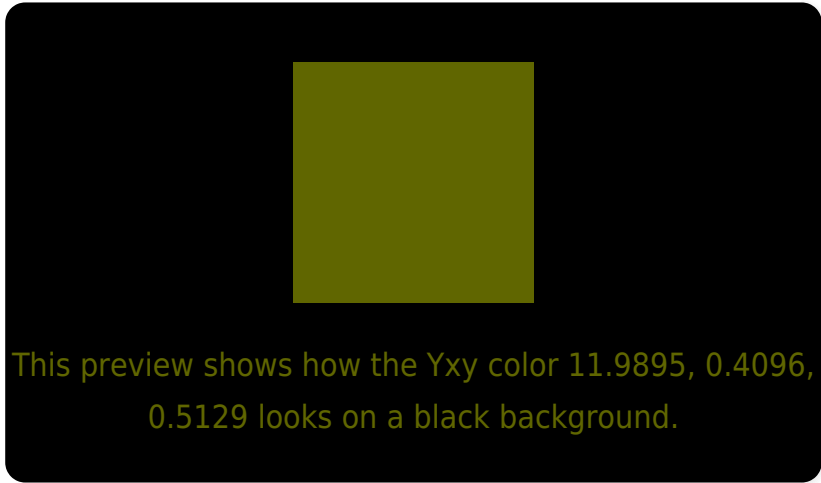
Large Text (above 18pt) WCAG AA ✓ Pass

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

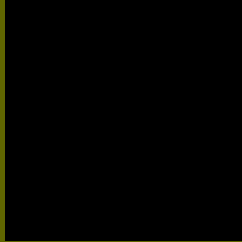
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9895, 0.4096, 0.5129

Background



This preview shows how black text looks on a background with the Yxy color 11.9895, 0.4096, 0.5129.



This preview shows how white text looks on a background with the Yxy color 11.9895, 0.4096, 0.5129.

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

11.9895, 0.4096, 0.5129

Protanopia

12.0504, 0.4389, 0.4897

Deuteranopia

11.9027, 0.4624, 0.4553



Tritanopia

12.0273, 0.3150, 0.3135

Trichromacy



Original Color

11.9895, 0.4096, 0.5129

Protanomaly

11.9269, 0.4291, 0.4975

Deuteranomaly

11.8984, 0.4428, 0.4769

Tritanomaly

11.8263, 0.3631, 0.4060

Monochromacy



Original Color

11.9895, 0.4096, 0.5129

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.5761, 0.3639, 0.4203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9895, 0.4096, 0.5129 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(96, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(96, 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(96, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 102, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.9895, 0.4096, 0.5129 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(96, 102, 0) }
```

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

```
.border{ border-color:rgb(96, 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(96, 102, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(96, 102, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.9895, 0.4096, 0.5129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 102, 0) }
```

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

```
.background{ background-color: rgb(96, 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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