

Converting Colors

$Yxy(17.0468, 0.3967, 0.5469)$

Have a look what the booklet for
Yxy(17.0468, 0.3967, 0.5469)
contains.

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Color

Yxy(17.1820, 0.3880, 0.5301)

Conversions

Conversions Part 1

Format	Color
Hex	657C00
RGB	101, 124, 0
RGB Percent	40%, 49%, 0%
CMY	0.6039, 0.5137, 0.9998
CMYK	0.19, 0.00, 1.00, 0.51
HSL	71°, 100%, 24%
HSV	71°, 100%, 49%
XYZ	12.5761, 17.1820, 2.6546
YIQ	102.9870, 26.0960, -43.4400

Conversions

Conversions Part 2

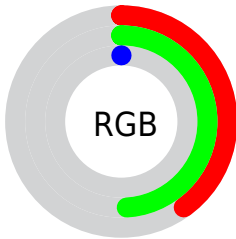
Format	Color
RYB	0, 124, 23
Decimal	6650880
CIELab	48.49, -23.18, 53.19
CIELCh	48, 58.026, 113.549
Yxy	17.1820, 0.3880, 0.5301
Android (android.graphics.Color)	4284840960 (0xFF657C00)
YUV	102.9870, -50.7726, -1.7426
Hunter-Lab	41.4512, -18.3833, 25.2188

Details

The Yxy color **17.1820, 0.3880, 0.5301** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.6385, 0.1609, 0.0661**, and the grayscale version is **13.6942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.7830, 0.3785, 0.4866**, and **5.7103, 0.3669, 0.5469** is the 20% darker color. If you saturate the color by 10%, you get **17.1822, 0.3880, 0.5301**, and if you desaturate by 10%, it is **17.3449, 0.3878, 0.5212**.

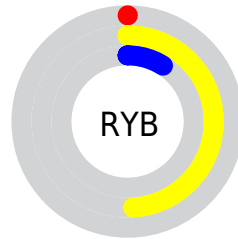
Distribution



Red (40%)

Green (49%)

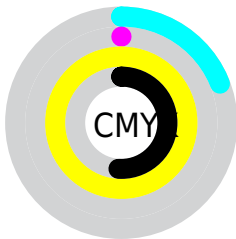
Blue (0%)



Red (0%)

Yellow (49%)

Blue (9%)

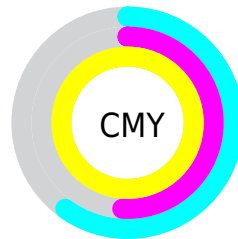


Cyan (19%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (60%)


Magenta (51%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.1820, 0.3880, 0.5301 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 17.1820, 0.3880, 0.5301 by changing the saturation by 10% instead.

 17.1820, 0.3880,
0.5301


 17.1820, 0.3880,
0.5301


236.2190, 0.3542,
0.4145


 10.3643, 0.3899,
0.5603


 38.6384, 0.3790,
0.4857


 5.6412, 0.3924,
0.6076

 54.0460, 0.3743,
0.4695


 2.6282, 0.3637,
0.6363

 73.0856, 0.3700,
0.4562

 0.9408, 0.2581,
0.7419


 96.1418, 0.3661,
0.4450


 0.0000, 0.0000,
0.0000


 123.5988, 0.3626,
0.4356

 155.8411, 0.3595,


0.4275


 193.2530, 0.3567,
0.4205


 17.1820, 0.3880,
0.5301


 17.1820, 0.3880,
0.5301


 17.1822, 0.3880,
0.5301

 17.3449, 0.3878,
0.5212

 17.5251, 0.3861,
0.5095

 17.7328, 0.3819,
0.4936

 17.9709, 0.3755,
0.4742

 18.2416, 0.3672,
0.4519

■ 18.5474, 0.3575,
0.4276

■ 18.8900, 0.3467,
0.4025

■ 19.2713, 0.3354,
0.3772

■ 19.6931, 0.3240,
0.3525

Harmonies

Analogous

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



17.1820, 0.4760, 0.4672



17.1820, 0.3880, 0.5301



17.1820, 0.2874, 0.5249

Triad

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



17.1820, 0.3880, 0.5301



17.1820, 0.1344, 0.2103



17.1820, 0.4220, 0.2522

Complementary

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



17.1820, 0.3880, 0.5301



1.6385, 0.1609, 0.0661

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.



17.1820, 0.3051, 0.2015



17.1820, 0.3880, 0.5301



17.1820, 0.1553, 0.1755

Square

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



17.1820, 0.3880, 0.5301



17.1820, 0.1468, 0.2920



17.1820, 0.2110, 0.1746



17.1820, 0.5107, 0.3178

Rectangle

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



17.1820, 0.3880, 0.5301



17.1820, 0.2251, 0.4629



17.1820, 0.2110, 0.1746



17.1820, 0.3831, 0.2331

Sweetspot

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



17.1828, 0.3880, 0.5301



33.1955, 0.3475, 0.4044



4.8887, 0.6156, 0.3494



7.7672, 0.3513, 0.4132



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



17.1828, 0.3880, 0.5301



30.1822, 0.3873, 0.5307



14.8522, 0.3178, 0.5859



4.5982, 0.3229, 0.3503



17.4668, 0.3880, 0.5301



82.9752, 0.3863, 0.5315

Inverse Universe

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



1.6385, 0.1609, 0.0661



2.8336, 0.1593, 0.0651



3.3755, 0.2448, 0.1123



3.9260, 0.3020, 0.3071



1.6635, 0.1609, 0.0660



7.6565, 0.1575, 0.0641

Previews

White Background



This preview shows how the Yxy color 17.1820, 0.3880, 0.5301 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



This preview shows how the Yxy color 17.1820, 0.3880, 0.5301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

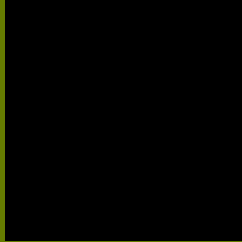
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1820, 0.3880, 0.5301

Background



This preview shows how black text looks on a background with the Yxy color 17.1820, 0.3880, 0.5301.



This preview shows how white text looks on a background with the Yxy color 17.1820, 0.3880, 0.5301.

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

17.1820, 0.3880, 0.5301

Protanopia

17.0073, 0.4405, 0.4885

Deuteranopia

17.0149, 0.4619, 0.4545



Tritanopia

17.0962, 0.2972, 0.3112

Trichromacy



Original Color

17.1820, 0.3880, 0.5301

Protanomaly

16.8788, 0.4207, 0.5041

Deuteranomaly

16.7335, 0.4362, 0.4818

Tritanomaly

16.6472, 0.3447, 0.4113

Monochromacy



Original Color

17.1820, 0.3880, 0.5301

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

14.5870, 0.3566, 0.4282

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1820, 0.3880, 0.5301 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(101, 124, 0)` looks like.

```
.text, #text, p{  
    color:rgb(101, 124, 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(101, 124, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 124, 0) }
```

Border

The CSS property to change the border of an element to Yxy 17.1820, 0.3880, 0.5301 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(101, 124, 0) }
```

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

```
.border{ border-color:rgb(101, 124, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 124, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 124, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 124, 0);  
box-shadow:4px 4px 4px 4px rgb(101, 124,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1820, 0.3880, 0.5301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 124, 0) }
```

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

```
.background{ background-color: rgb(101,  
124, 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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