

Converting Colors

$Y_{xy}(17.2558, 0.3896, 0.5288)$

Have a look what the booklet for
Yxy(17.2558, 0.3896, 0.5288)
contains.

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Color

Yxy(17.2401, 0.3893, 0.5291)

Conversions

Conversions Part 1

Format	Color
Hex	667C00
RGB	102, 124, 0
RGB Percent	40%, 49%, 0%
CMY	0.6001, 0.5137, 1.0000
CMYK	0.18, 0.00, 1.00, 0.51
HSL	71°, 100%, 24%
HSV	71°, 100%, 49%
XYZ	12.6849, 17.2401, 2.6588
YIQ	103.2860, 26.6920, -43.2280

Conversions

Conversions Part 2

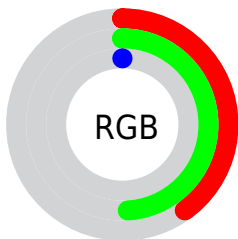
Format	Color
RYB	0, 124, 22
Decimal	6716416
CIELab	48.56, -22.76, 53.29
CIELCh	49, 57.947, 113.132
Yxy	17.2401, 0.3893, 0.5291
Android (android.graphics.Color)	4284906496 (0xFF667C00)
YUV	103.2860, -50.9200, -1.1278
Hunter-Lab	41.5212, -18.1297, 25.2682

Details

The Yxy color **17.2401, 0.3893, 0.5291** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.6265, 0.1603, 0.0657**, and the grayscale version is **13.7750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8824, 0.3795, 0.4861**, and **5.7103, 0.3669, 0.5469** is the 20% darker color. If you saturate the color by 10%, you get **17.2409, 0.3893, 0.5291**, and if you desaturate by 10%, it is **17.3989, 0.3890, 0.5203**.

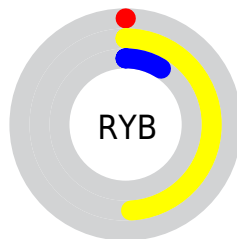
Distribution



Red (40%)

Green (49%)

Blue (0%)



Red (0%)

Yellow (49%)

Blue (9%)

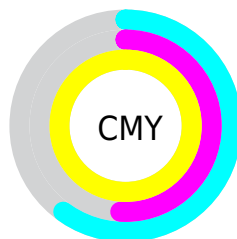


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (60%)


Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2401, 0.3893, 0.5291 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 17.2401, 0.3893, 0.5291 by changing the saturation by 10% instead.


 17.2401, 0.3893,
0.5291


 17.2401, 0.3893,
0.5291


236.5522, 0.3548,
0.4143


 10.4058, 0.3915,
0.5590


 38.7381, 0.3800,
0.4851


 5.6689, 0.3943,
0.6057

 54.1707, 0.3752,
0.4690

 2.6448, 0.3663,
0.6337

 73.2381, 0.3708,
0.4558

 0.9492, 0.2666,
0.7334

 96.3248, 0.3668,
0.4447


 0.0000, 0.0000,
0.0000

 123.8152, 0.3633,
0.4353


 156.0936, 0.3601,


0.4272


 193.5445, 0.3573,
0.4203

 17.2401, 0.3893,
0.5291


 17.2401, 0.3893,
0.5291


 17.2409, 0.3893,
0.5291

 17.3989, 0.3890,
0.5203

 17.5745, 0.3871,
0.5088

 17.7774, 0.3828,
0.4931

 18.0103, 0.3763,
0.4738

 18.2757, 0.3679,
0.4517

■ 18.5756, 0.3580,
0.4276

■ 18.9122, 0.3471,
0.4025

■ 19.2872, 0.3357,
0.3773

■ 19.7022, 0.3241,
0.3526

Harmonies

Analogous

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



17.2401, 0.4768, 0.4660



17.2401, 0.3893, 0.5291



17.2401, 0.2889, 0.5251

Triad

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



17.2401, 0.3893, 0.5291



17.2401, 0.1346, 0.2114



17.2401, 0.4201, 0.2516

Complementary

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



17.2401, 0.3893, 0.5291



1.6265, 0.1603, 0.0657

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.



17.2401, 0.3036, 0.2012



17.2401, 0.3893, 0.5291



17.2401, 0.1551, 0.1760

Square

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



17.2401, 0.3893, 0.5291



17.2401, 0.1475, 0.2937



17.2401, 0.2102, 0.1747



17.2401, 0.5094, 0.3169

Rectangle

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



17.2401, 0.3893, 0.5291



17.2401, 0.2265, 0.4642



17.2401, 0.2102, 0.1747



17.2401, 0.3813, 0.2326

Sweetspot

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



17.2409, 0.3893, 0.5291



33.2313, 0.3479, 0.4043



4.8100, 0.6186, 0.3470



7.7765, 0.3518, 0.4131



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.



17.2409, 0.3893, 0.5291



30.2814, 0.3886, 0.5297



14.8960, 0.3193, 0.5846



4.5996, 0.3230, 0.3503



17.5232, 0.3893, 0.5291



83.2543, 0.3877, 0.5304

Inverse Universe

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



1.6265, 0.1603, 0.0657



2.8155, 0.1587, 0.0648



3.2796, 0.2410, 0.1101



3.9247, 0.3019, 0.3071



1.6523, 0.1602, 0.0656



7.6116, 0.1569, 0.0638

Previews

White Background



This preview shows how the Yxy color 17.2401, 0.3893, 0.5291 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 17.2401, 0.3893, 0.5291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

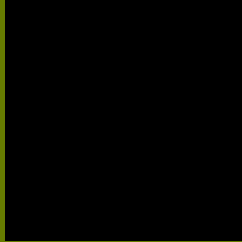
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.2401, 0.3893, 0.5291

Background



This preview shows how black text looks on a background with the Yxy color 17.2401, 0.3893, 0.5291.



This preview shows how white text looks on a background with the Yxy color 17.2401, 0.3893, 0.5291.

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

17.2401, 0.3893, 0.5291

Protanopia

17.2366, 0.4390, 0.4897

Deuteranopia

17.0149, 0.4619, 0.4545



Tritanopia

17.1614, 0.2984, 0.3113

Trichromacy



Original Color

17.2401, 0.3893, 0.5291

Protanomaly

17.1867, 0.4207, 0.5041

Deuteranomaly

16.7335, 0.4362, 0.4818

Tritanomaly

16.7095, 0.3461, 0.4109

Monochromacy



Original Color

17.2401, 0.3893, 0.5291

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

14.6458, 0.3581, 0.4277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2401, 0.3893, 0.5291 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(102, 124, 0)` looks like.

```
.text, #text, p{  
    color:rgb(102, 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(102, 124, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 124, 0) }
```

Border

The CSS property to change the border of an element to Yxy 17.2401, 0.3893, 0.5291 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(102, 124, 0) }
```

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

```
.border{ border-color:rgb(102, 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(102, 124, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 124, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 124, 0);  
box-shadow:4px 4px 4px 4px rgb(102, 124,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2401, 0.3893, 0.5291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 124, 0) }
```

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

```
.background{ background-color: rgb(102,  
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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