

Converting Colors

$Y_{xy}(15.5652, 0.4407, 0.5586)$

Have a look what the booklet for
Yxy(15.5652, 0.4407, 0.5586)
contains.

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Color

$Y_{xy}(15.6410, 0.4135, 0.5098)$

Conversions

Conversions Part 1

Format	Color
Hex	6F7300
RGB	111, 115, 0
RGB Percent	44%, 45%, 0%
CMY	0.5647, 0.5490, 0.9996
CMYK	0.03, 0.00, 1.00, 0.55
HSL	62°, 100%, 23%
HSV	62°, 100%, 45%
XYZ	12.6865, 15.6410, 2.3532
YIQ	100.6940, 34.5310, -36.6130

Conversions

Conversions Part 2

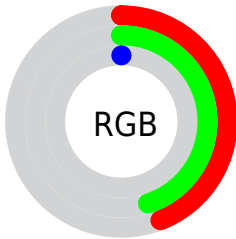
Format	Color
RYB	0, 115, 4
Decimal	7303936
CIELab	46.50, -13.87, 52.05
CIELCh	46, 53.865, 104.920
Yxy	15.6410, 0.4135, 0.5098
Android (android.graphics.Color)	4285494016 (0xFF6F7300)
YUV	100.6940, -49.6421, 9.0384
Hunter-Lab	39.5487, -11.9509, 24.1562

Details

The Yxy color **15.6410, 0.4135, 0.5098** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.2667, 0.1519, 0.0612**, and the grayscale version is **13.0578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.1033, 0.3974, 0.4712**, and **4.9441, 0.4008, 0.5200** is the 20% darker color. If you saturate the color by 10%, you get **15.6413, 0.4135, 0.5099**, and if you desaturate by 10%, it is **15.6932, 0.4105, 0.5032**.

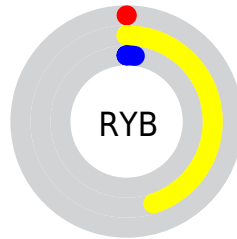
Distribution



Red (44%)

Green (45%)

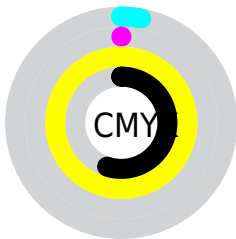
Blue (0%)



Red (0%)

Yellow (45%)

Blue (2%)

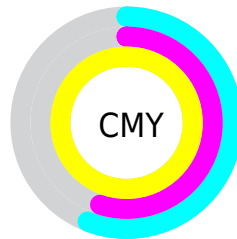


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (56%)


Magenta (55%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.6410, 0.4135, 0.5098 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 15.6410, 0.4135, 0.5098 by changing the saturation by 10% instead.


 15.6410, 0.4135,
0.5098


 15.6410, 0.4135,
0.5098


 227.2139, 0.3634,
0.4076


 9.2705, 0.4208,
0.5353


 35.9738, 0.3977,
0.4714


 4.9180, 0.4287,
0.5713

 50.7049, 0.3907,
0.4571

 2.1992, 0.4101,
0.5899

 68.9917, 0.3846,
0.4452

 0.7196, 0.3243,
0.6757

 91.2185, 0.3792,
0.4352


 0.0000, 0.0000,
0.0000


 117.7697, 0.3745,
0.4267


 149.0297, 0.3703,


0.4194

 185.3830, 0.3667,
0.4131


 15.6410, 0.4135,
0.5098


 15.6410, 0.4135,
0.5098

 15.6413, 0.4135,
0.5099

 15.6932, 0.4105,
0.5032

 15.7560, 0.4061,
0.4943

 15.8391, 0.3993,
0.4814

 15.9446, 0.3903,
0.4649

 16.0745, 0.3794,
0.4453

■ 16.2307, 0.3670,
0.4233

■ 16.4147, 0.3537,
0.4000

■ 16.6280, 0.3399,
0.3760

■ 16.8719, 0.3261,
0.3520

Harmonies

Analogous

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



15.6410, 0.4902, 0.4430



15.6410, 0.4135, 0.5098



15.6410, 0.3176, 0.5275

Triad

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



15.6410, 0.4135, 0.5098



15.6410, 0.1399, 0.2327



15.6410, 0.3857, 0.2389

Complementary

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



15.6410, 0.4135, 0.5098



1.2667, 0.1519, 0.0612

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.



15.6410, 0.2762, 0.1955



15.6410, 0.4135, 0.5098



15.6410, 0.1511, 0.1866

Square

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



15.6410, 0.4135, 0.5098



15.6410, 0.1629, 0.3263



15.6410, 0.1953, 0.1768



15.6410, 0.4842, 0.2999

Rectangle

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



15.6410, 0.4135, 0.5098



15.6410, 0.2540, 0.4866



15.6410, 0.1953, 0.1768



15.6410, 0.3477, 0.2220

Sweetspot

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



15.6417, 0.4135, 0.5098



29.3609, 0.3549, 0.4021



3.7307, 0.6356, 0.3333



6.9772, 0.3594, 0.4100



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



15.6417, 0.4135, 0.5098



27.9949, 0.4134, 0.5100



13.0391, 0.3351, 0.5720



4.2601, 0.3249, 0.3500



17.8783, 0.4135, 0.5099



87.0426, 0.4132, 0.5101

Inverse Universe

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



1.2667, 0.1519, 0.0612



2.2504, 0.1514, 0.0608



2.2445, 0.2130, 0.0948



3.5954, 0.3000, 0.3071



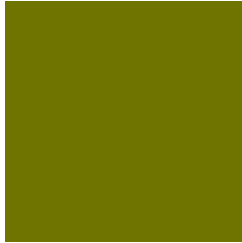
1.4426, 0.1517, 0.0610



6.9521, 0.1507, 0.0604

Previews

White Background



This preview shows how the Yxy color 15.6410, 0.4135, 0.5098 looks on a white background.

Color Contrast Check

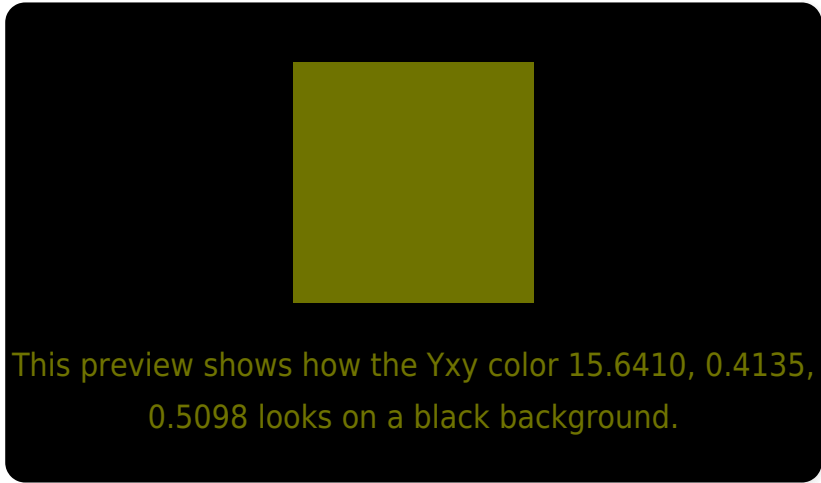
Large Text (above 18pt) WCAG AA ✓ Pass

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

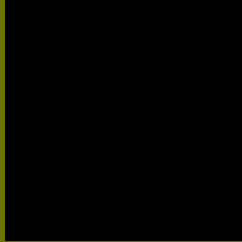
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.6410, 0.4135, 0.5098

Background



This preview shows how black text looks on a background with the Yxy color 15.6410, 0.4135, 0.5098.



This preview shows how white text looks on a background with the Yxy color 15.6410, 0.4135, 0.5098.

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

15.6410, 0.4135, 0.5098

Protanopia

15.6540, 0.4383, 0.4902

Deuteranopia

15.6358, 0.4622, 0.4572



Tritanopia

15.6751, 0.3189, 0.3133

Trichromacy



Original Color

15.6410, 0.4135, 0.5098

Protanomaly

15.5103, 0.4296, 0.4971

Deuteranomaly

15.6286, 0.4449, 0.4768

Tritanomaly

15.3459, 0.3693, 0.4054

Monochromacy



Original Color

15.6410, 0.4135, 0.5098

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.6815, 0.3669, 0.4216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.6410, 0.4135, 0.5098 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(111, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(111, 115, 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(111, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 115, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.6410, 0.4135, 0.5098 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(111, 115, 0) }
```

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

```
.border{ border-color:rgb(111, 115, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 115, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 115, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 115, 0);  
box-shadow:4px 4px 4px 4px rgb(111, 115,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 15.6410, 0.4135, 0.5098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 115, 0) }
```

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

```
.background{ background-color: rgb(111,  
115, 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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