

Converting Colors

$Y_{xy}(15.3996, 0.4080, 0.5137)$

Have a look what the booklet for
Yxy(15.3996, 0.4080, 0.5137)
contains.

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Color

Yxy(15.3895, 0.4074, 0.5139)

Conversions

Conversions Part 1

Format	Color
Hex	6B7301
RGB	107, 115, 1
RGB Percent	42%, 45%, 0%
CMY	0.5804, 0.5490, 0.9960
CMYK	0.07, 0.00, 0.99, 0.55
HSL	64°, 98%, 23%
HSV	64°, 99%, 45%
XYZ	12.2002, 15.3895, 2.3568
YIQ	99.6120, 31.8260, -37.1500

Conversions

Conversions Part 2

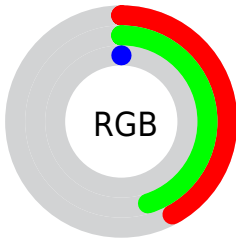
Format	Color
R_{YB}	1, 115, 9
Decimal	7041793
CIE _{Lab}	46.16, -15.72, 51.44
CIE _{LCh}	46, 53.790, 106.998
Yxy	15.3895, 0.4074, 0.5139
Android (android.graphics.Color)	4285231873 (0xFF6B7301)
YUV	99.6120, -48.6157, 6.4793
Hunter-Lab	39.2295, -13.1388, 23.8987

Details

The Yxy color **15.3895, 0.4074, 0.5139** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.3184, 0.1544, 0.0633**, and the grayscale version is **12.7614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.6777, 0.3932, 0.4737**, and **4.8551, 0.3938, 0.5255** is the 20% darker color. If you saturate the color by 10%, you get **15.3835, 0.4076, 0.5146**, and if you desaturate by 10%, it is **15.4661, 0.4050, 0.5066**.

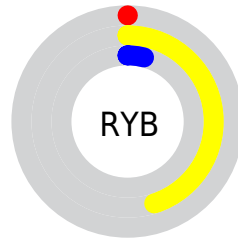
Distribution



Red (42%)

Green (45%)

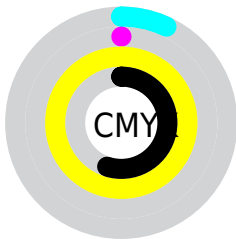
Blue (0%)



Red (0%)

Yellow (45%)

Blue (4%)

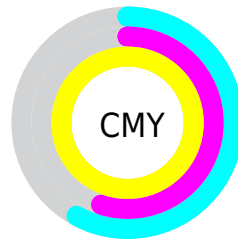


Cyan (7%)

Magenta (0%)

Yellow (99%)

Black (55%)



Cyan (58%)


Magenta (55%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 15.3895, 0.4074, 0.5139 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 15.3895, 0.4074, 0.5139 by changing the saturation by 10% instead.


 15.3895, 0.4074,
0.5139


 15.3895, 0.4074,
0.5139


 225.7118, 0.3608,
0.4083


 9.0932, 0.4137,
0.5410


 35.5350, 0.3930,
0.4738


 4.8020, 0.4201,
0.5799

 50.1531, 0.3865,
0.4590


 2.1316, 0.3984,
0.6016

 68.3138, 0.3807,
0.4467

 0.6823, 0.2795,
0.7205


 90.4016, 0.3756,
0.4364


 0.0000, 0.0000,
0.0000


 116.8010, 0.3712,
0.4277


 147.8962, 0.3673,


0.4203


 184.0716, 0.3639,
0.4139

 15.3895, 0.4074,
0.5139


 15.3895, 0.4074,
0.5139


 15.3835, 0.4076,
0.5146

 15.4661, 0.4050,
0.5066

 15.5550, 0.4009,
0.4967

 15.6646, 0.3945,
0.4828

 15.7973, 0.3860,
0.4653

 15.9548, 0.3755,
0.4448

■ 16.1391, 0.3637,
0.4223

■ 16.3517, 0.3509,
0.3984

■ 16.5940, 0.3377,
0.3742

■ 16.8675, 0.3245,
0.3502

Harmonies

Analogous

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



15.3895, 0.4865, 0.4483



15.3895, 0.4074, 0.5139



15.3895, 0.3107, 0.5263

Triad

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



15.3895, 0.4074, 0.5139



15.3895, 0.1391, 0.2277



15.3895, 0.3938, 0.2424

Complementary

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



15.3895, 0.4074, 0.5139



1.3184, 0.1544, 0.0633

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.



15.3895, 0.2829, 0.1974



15.3895, 0.4074, 0.5139



15.3895, 0.1526, 0.1844

Square

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



15.3895, 0.4074, 0.5139



15.3895, 0.1595, 0.3181



15.3895, 0.1994, 0.1768



15.3895, 0.4898, 0.3043

Rectangle

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



15.3895, 0.4074, 0.5139



15.3895, 0.2475, 0.4806



15.3895, 0.1994, 0.1768



15.3895, 0.3557, 0.2250

Sweetspot

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



15.3902, 0.4074, 0.5139



29.2123, 0.3531, 0.4025



3.8345, 0.6291, 0.3365



6.9379, 0.3574, 0.4105



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.



15.3902, 0.4074, 0.5139



27.5228, 0.4073, 0.5148



12.9529, 0.3312, 0.5741



4.2538, 0.3244, 0.3501



17.5823, 0.4075, 0.5146



85.5262, 0.4069, 0.5151

Inverse Universe

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



1.3184, 0.1544, 0.0633



2.2847, 0.1527, 0.0615



2.4050, 0.2207, 0.0996



3.6010, 0.3005, 0.3072



1.4705, 0.1535, 0.0619



7.0200, 0.1516, 0.0609

Previews

White Background



This preview shows how the Yxy color 15.3895, 0.4074, 0.5139 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 15.3895, 0.4074, 0.5139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

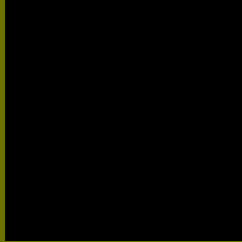
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.3895, 0.4074, 0.5139

Background



This preview shows how black text looks on a background with the Yxy color 15.3895, 0.4074, 0.5139.



This preview shows how white text looks on a background with the Yxy color 15.3895, 0.4074, 0.5139.

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

15.3895, 0.4074, 0.5139

Protanopia

15.3628, 0.4384, 0.4901

Deuteranopia

15.3509, 0.4620, 0.4561



Tritanopia

15.3980, 0.3135, 0.3130

Trichromacy



Original Color

15.3895, 0.4074, 0.5139

Protanomaly

15.3702, 0.4267, 0.4994

Deuteranomaly

15.2637, 0.4433, 0.4771

Tritanomaly

15.0910, 0.3621, 0.4050

Monochromacy



Original Color

15.3895, 0.4074, 0.5139

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

13.3569, 0.3645, 0.4207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3895, 0.4074, 0.5139 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(107, 115, 1)` looks like.

```
.text, #text, p{  
    color:rgb(107, 115, 1)  
}
```

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(107, 115, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 115, 1) }
```

Border

The CSS property to change the border of an element to Yxy 15.3895, 0.4074, 0.5139 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(107, 115, 1) }
```

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

```
.border{ border-color:rgb(107, 115, 1) }
```

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

Here you see how a box with a 4 pixel rgb(107, 115, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 115, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 115, 1);  
box-shadow:4px 4px 4px 4px rgb(107, 115,  
1) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3895, 0.4074, 0.5139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 115, 1) }
```

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

```
.background{ background-color: rgb(107,  
115, 1) }
```

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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