

Converting Colors

$Y_{xy}(14.9721, 0.5089, 0.4384)$

Have a look what the booklet for
Yxy(14.9721, 0.5089, 0.4384)
contains.

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Color

$Y_{xy}(15.0544, 0.5055, 0.4369)$

Conversions

Conversions Part 1

Format	Color
Hex	9A5F00
RGB	154, 95, 0
RGB Percent	60%, 37%, 0%
CMY	0.3961, 0.6274, 1.0000
CMYK	0.00, 0.38, 1.00, 0.40
HSL	37°, 100%, 30%
HSV	37°, 100%, 60%
XYZ	17.4182, 15.0544, 1.9847
YIQ	101.8110, 65.6590, -17.0370

Conversions

Conversions Part 2

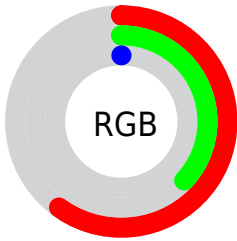
Format	Color
RYB	96, 154, 0
Decimal	10116864
CIELab	45.71, 18.02, 53.76
CIELCh	46, 56.698, 71.470
Yxy	15.0544, 0.5055, 0.4369
Android (android.graphics.Color)	4288306944 (0xFF9A5F00)
YUV	101.8110, -50.1928, 45.7698
Hunter-Lab	38.8000, 12.2326, 24.1271

Details

The Yxy color **15.0544, 0.5055, 0.4369** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.4604, 0.1677, 0.1238**, and the grayscale version is **13.3565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0301, 0.4667, 0.4242**, and **4.7380, 0.5305, 0.4170** is the 20% darker color. If you saturate the color by 10%, you get **15.0554, 0.5055, 0.4369**, and if you desaturate by 10%, it is **16.1945, 0.4895, 0.4389**.

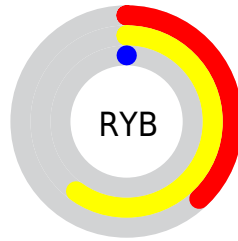
Distribution



Red (60%)

Green (37%)

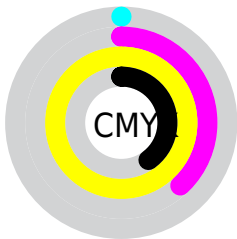
Blue (0%)



Red (38%)

Yellow (60%)

Blue (0%)

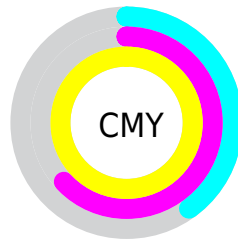


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (40%)



Cyan (40%)


Magenta (63%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0544, 0.5055, 0.4369 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 15.0544, 0.5055, 0.4369 by changing the saturation by 10% instead.


 15.0544, 0.5055,
0.4369


 15.0544, 0.5055,
0.4369


 223.6953, 0.4001,
0.3880


 8.8576, 0.5306,
0.4421


 34.9486, 0.4675,
0.4235


 4.6484, 0.5587,
0.4413

 49.4147, 0.4528,
0.4168


 2.0425, 0.5795,
0.4205

 67.4061, 0.4404,
0.4106

 0.6320, 0.6257,
0.3743


 89.3071, 0.4298,
0.4050


 0.0000, 0.0000,
0.0000


 115.5021, 0.4207,
0.4000

 146.3756, 0.4129,


0.3956

 182.3118, 0.4061,
0.3916


 15.0544, 0.5055,
0.4369


 15.0544, 0.5055,
0.4369


 15.0554, 0.5055,
0.4369

 16.1945, 0.4895,
0.4389

 17.4425, 0.4713,
0.4371

 18.8131, 0.4506,
0.4304

 20.3128, 0.4286,
0.4199

 21.9474, 0.4063,
0.4065

■ 23.7221, 0.3847,
0.3914

■ 25.6418, 0.3642,
0.3755

■ 27.7108, 0.3453,
0.3595

■ 29.9336, 0.3282,
0.3439

Harmonies

Analogous

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



15.0544, 0.5338, 0.3600



15.0544, 0.5055, 0.4369



15.0544, 0.4273, 0.5119

Triad

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



15.0544, 0.5055, 0.4369



15.0544, 0.1599, 0.3397



15.0544, 0.2618, 0.1853

Complementary

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



15.0544, 0.5055, 0.4369



5.4604, 0.1677, 0.1238

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.



15.0544, 0.1819, 0.1690



15.0544, 0.5055, 0.4369



15.0544, 0.1324, 0.2347

Square

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



15.0544, 0.5055, 0.4369



15.0544, 0.2292, 0.4746



15.0544, 0.1404, 0.1824



15.0544, 0.3759, 0.2277

Rectangle

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



15.0544, 0.5055, 0.4369



15.0544, 0.3618, 0.5423



15.0544, 0.1404, 0.1824



15.0544, 0.2307, 0.1768

Sweetspot

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



15.0554, 0.5055, 0.4369



46.3633, 0.3654, 0.3765



7.1861, 0.5411, 0.2755



10.1782, 0.3733, 0.3828



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



15.0554, 0.5055, 0.4369



26.9652, 0.5076, 0.4352



28.3481, 0.3992, 0.5212



6.8251, 0.3269, 0.3427



12.3366, 0.5046, 0.4375



0.2544, 0.4602, 0.4728

Inverse Universe

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



5.4604, 0.1677, 0.1238



9.5700, 0.1668, 0.1204



2.4614, 0.1549, 0.0627



6.3949, 0.2988, 0.3149



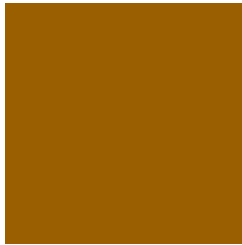
4.5138, 0.1681, 0.1253



0.1344, 0.1908, 0.2067

Previews

White Background



This preview shows how the Yxy color 15.0544, 0.5055, 0.4369 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 15.0544, 0.5055, 0.4369 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 15.0544, 0.5055, 0.4369

Background



This preview shows how black text looks on a background with the Yxy color 15.0544, 0.5055, 0.4369.



This preview shows how white text looks on a background with the Yxy color 15.0544, 0.5055, 0.4369.

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

15.0544, 0.5055, 0.4369

Protanopia

15.1724, 0.4363, 0.4833

Deuteranopia

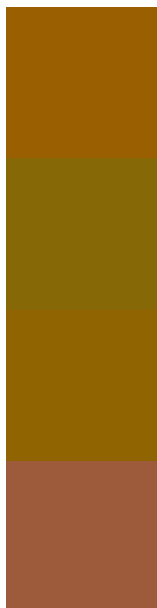
15.1038, 0.4711, 0.4641



Tritanopia

15.0748, 0.4144, 0.3178

Trichromacy



Original Color

15.0544, 0.5055, 0.4369

Protanomaly

14.9843, 0.4614, 0.4666

Deuteranomaly

15.0436, 0.4843, 0.4537

Tritanomaly

14.9765, 0.4658, 0.3779

Monochromacy



Original Color

15.0544, 0.5055, 0.4369

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.3703, 0.3964, 0.3985

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0544, 0.5055, 0.4369 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(154, 95, 0)` looks like.

```
.text, #text, p{  
    color:rgb(154, 95, 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(154, 95, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 95, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.0544, 0.5055, 0.4369 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(154, 95, 0) }
```

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

```
.border{ border-color:rgb(154, 95, 0) }
```

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

Here you see how a box with a 4 pixel rgb(154, 95, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 95, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 95, 0);  
box-shadow:4px 4px 4px 4px rgb(154, 95, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.0544, 0.5055, 0.4369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 95, 0) }
```

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

```
.background{ background-color: rgb(154, 95,  
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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