

Converting Colors

$Y_{xy}(14.7468, 0.5468, 0.3917)$

Have a look what the booklet for
Yxy(14.7468, 0.5468, 0.3917)
contains.

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Color

Yxy(14.7496, 0.5465, 0.3916)

Conversions

Conversions Part 1

Format	Color
Hex	AF4F12
RGB	175, 79, 18
RGB Percent	69%, 31%, 7%
CMY	0.3137, 0.6902, 0.9297
CMYK	0.00, 0.55, 0.90, 0.31
HSL	23°, 81%, 38%
HSV	23°, 90%, 69%
XYZ	20.5839, 14.7496, 2.3315
YIQ	100.7500, 76.7970, 1.3810

Conversions

Conversions Part 2

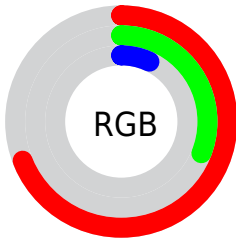
Format	Color
R_{YB}	175, 118, 18
Decimal	11489042
CIE _{Lab}	45.29, 36.08, 50.13
CIE _{LCh}	45, 61.769, 54.256
Yxy	14.7496, 0.5465, 0.3916
Android (android.graphics.Color)	4289679122 (0xFFAF4F12)
YUV	100.7500, -40.7957, 65.1172
Hunter-Lab	38.4052, 28.4609, 23.2843

Details

The Yxy color **14.7496, 0.5465, 0.3916** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **15.2412, 0.1944, 0.2117**, and the grayscale version is **13.0374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3995, 0.4979, 0.3894**, and **4.5236, 0.6003, 0.3616** is the 20% darker color. If you saturate the color by 10%, you get **13.2870, 0.5715, 0.3841**, and if you desaturate by 10%, it is **16.5002, 0.5174, 0.3948**.

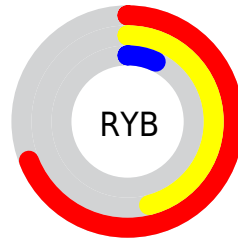
Distribution



Red (69%)

Green (31%)

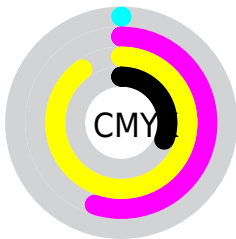
Blue (7%)



Red (69%)

Yellow (46%)

Blue (7%)

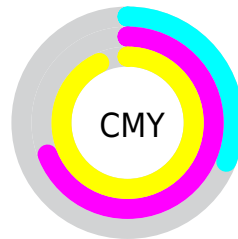


Cyan (0%)

Magenta (55%)

Yellow (90%)

Black (31%)



Cyan (31%)

Magenta (69%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7496, 0.5465, 0.3916 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 14.7496, 0.5465, 0.3916 by changing the saturation by 10% instead.

 14.7496, 0.5465,
0.3916

 14.7496, 0.5465,
0.3916

221.8456, 0.4151,
0.3716


 8.6438, 0.5793,
0.3872

 34.4133, 0.4974,
0.3900


 4.5096, 0.6232,
0.3768

 48.7400, 0.4791,
0.3874


 1.9625, 0.6594,
0.3406

 66.5759, 0.4638,
0.3845

 0.5856, 0.7307,
0.2693

 88.3052, 0.4509,
0.3816


 0.0000, 1.0000,
0.0000


 114.3125, 0.4399,
0.3788

 0.0000, 0.0000,
0.0000


 144.9820, 0.4305,

0.3762


 180.6983, 0.4223,
0.3738


 14.7496, 0.5465,
0.3916


 14.7496, 0.5465,
0.3916

 13.2870, 0.5715,
0.3841

 16.5002, 0.5174,
0.3948

 13.2537, 0.5721,
0.3839

 18.5613, 0.4854,
0.3931

 20.9509, 0.4530,
0.3875

 23.6847, 0.4222,
0.3792

 26.7769, 0.3941,
0.3694

■ 30.2412, 0.3691,
0.3589

■ 34.0901, 0.3473,
0.3484

■ 38.3357, 0.3285,
0.3383

■ 42.9895, 0.3123,
0.3288

Harmonies

Analogous

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



14.7496, 0.5346, 0.3150



14.7496, 0.5465, 0.3916



14.7496, 0.4855, 0.4765

Triad

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



14.7496, 0.5465, 0.3916



14.7496, 0.1837, 0.4277



14.7496, 0.2027, 0.1620

Complementary

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



14.7496, 0.5465, 0.3916



15.2412, 0.1944, 0.2117

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.



14.7496, 0.1429, 0.1615



14.7496, 0.5465, 0.3916



14.7496, 0.1308, 0.2825

Square

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



14.7496, 0.5465, 0.3916



14.7496, 0.2783, 0.5505



14.7496, 0.1199, 0.1960



14.7496, 0.3061, 0.1912

Rectangle

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



14.7496, 0.5465, 0.3916



14.7496, 0.4222, 0.5307



14.7496, 0.1199, 0.1960



14.7496, 0.1782, 0.1585

Sweetspot

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



14.7504, 0.5465, 0.3916



55.6747, 0.3638, 0.3565



10.7774, 0.4291, 0.2205



11.8862, 0.3716, 0.3600



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



14.7504, 0.5465, 0.3916



23.3428, 0.5750, 0.3816



33.1615, 0.4358, 0.4852



8.5070, 0.3277, 0.3379



9.6036, 0.5701, 0.3856



0.3753, 0.5143, 0.4298

Inverse Universe

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



15.2412, 0.1944, 0.2117



23.9227, 0.1874, 0.1945



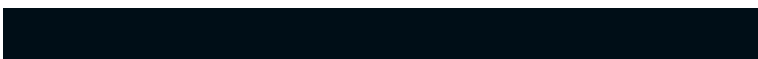
4.5006, 0.1594, 0.0832



8.5411, 0.2986, 0.3200



9.8621, 0.1885, 0.1985



0.3764, 0.2007, 0.2425

Previews

White Background



This preview shows how the Yxy color 14.7496, 0.5465, 0.3916 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 14.7496, 0.5465, 0.3916 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 14.7496, 0.5465, 0.3916

Background



This preview shows how black text looks on a background with the Yxy color 14.7496, 0.5465, 0.3916.



This preview shows how white text looks on a background with the Yxy color 14.7496, 0.5465, 0.3916.

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

14.7496, 0.5465, 0.3916

Protanopia

14.8647, 0.4273, 0.4728

Deuteranopia

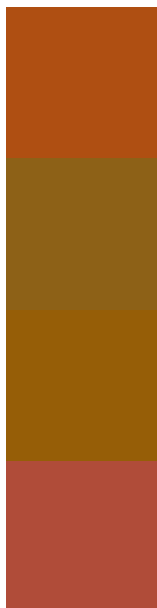
14.7370, 0.4702, 0.4649



Tritanopia

14.8092, 0.4791, 0.3227

Trichromacy



Original Color

14.7496, 0.5465, 0.3916

Protanomaly

14.2740, 0.4751, 0.4400

Deuteranomaly

14.5048, 0.4998, 0.4363

Tritanomaly

14.6944, 0.5114, 0.3540

Monochromacy



Original Color

14.7496, 0.5465, 0.3916

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

12.8728, 0.4040, 0.3727

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7496, 0.5465, 0.3916 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(175, 79, 18)` looks like.

```
.text, #text, p{  
    color:rgb(175, 79, 18)  
}
```

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(175, 79, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 79, 18) }
```

Border

The CSS property to change the border of an element to Yxy 14.7496, 0.5465, 0.3916 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(175, 79, 18) }
```

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

```
.border{ border-color:rgb(175, 79, 18) }
```

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

Here you see how a box with a 4 pixel rgb(175, 79, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 79, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 79, 18);  
box-shadow:4px 4px 4px 4px rgb(175, 79,  
18) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7496, 0.5465, 0.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 79, 18) }
```

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

```
.background{ background-color: rgb(175, 79,  
18) }
```

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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