

Converting Colors

$Y_{xy}(14.5555, 0.5369, 0.3942)$

Have a look what the booklet for
Yxy(14.5555, 0.5369, 0.3942)
contains.

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Color

Yxy(14.6007, 0.5372, 0.3945)

Conversions

Conversions Part 1

Format	Color
Hex	AB5116
RGB	171, 81, 22
RGB Percent	67%, 32%, 9%
CMY	0.3294, 0.6823, 0.9138
CMYK	0.00, 0.53, 0.87, 0.33
HSL	24°, 77%, 38%
HSV	24°, 87%, 67%
XYZ	19.8821, 14.6007, 2.5278
YIQ	101.1840, 72.5790, 0.7310

Conversions

Conversions Part 2

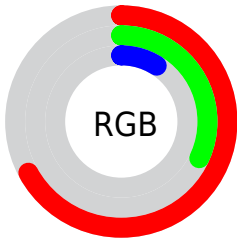
Format	Color
R_{YB}	171, 120, 22
Decimal	11227414
CIE _{Lab}	45.08, 33.52, 48.26
CIE _{LCh}	45, 58.761, 55.214
Yxy	14.6007, 0.5372, 0.3945
Android (android.graphics.Color)	4289417494 (0xFFAB5116)
YUV	101.1840, -39.0377, 61.2286
Hunter-Lab	38.2109, 26.0092, 22.8253

Details

The Yxy color **14.6007, 0.5372, 0.3945** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **14.6924, 0.1958, 0.2135**, and the grayscale version is **13.1526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1262, 0.4892, 0.3909**, and **4.4778, 0.5919, 0.3682** is the 20% darker color. If you saturate the color by 10%, you get **13.1344, 0.5627, 0.3879**, and if you desaturate by 10%, it is **16.3440, 0.5074, 0.3962**.

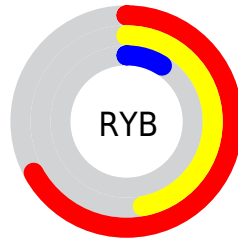
Distribution



Red (67%)

Green (32%)

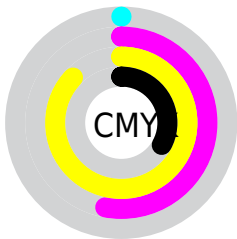
Blue (9%)



Red (67%)

Yellow (47%)

Blue (9%)

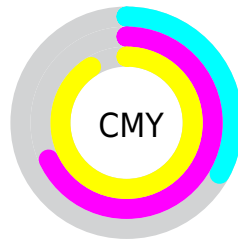


Cyan (0%)

Magenta (53%)

Yellow (87%)

Black (33%)



Cyan (33%)

Magenta (68%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6007, 0.5372, 0.3945 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 14.6007, 0.5372, 0.3945 by changing the saturation by 10% instead.

 14.6007, 0.5372,
0.3945


 14.6007, 0.5372,
0.3945


220.9365, 0.4102,
0.3712


 8.5396, 0.5693,
0.3915


 34.1512, 0.4893,
0.3911


 4.4421, 0.6152,
0.3848

 48.4093, 0.4716,
0.3880


 1.9238, 0.6500,
0.3500

 66.1687, 0.4568,
0.3848

 0.5626, 0.7223,
0.2777

 87.8135, 0.4444,
0.3817


 0.0000, 1.0000,
0.0000

 113.7284, 0.4339,
0.3787

 0.0000, 0.0000,
0.0000


 144.2975, 0.4248,


0.3760


 179.9054, 0.4170,
0.3735


 14.6007, 0.5372,
0.3945

 14.6007, 0.5372,
0.3945

 13.1344, 0.5627,
0.3879

 16.3440, 0.5074,
0.3962

 12.7606, 0.5698,
0.3858

 18.3810, 0.4755,
0.3932

 20.7277, 0.4438,
0.3865

 23.3983, 0.4140,
0.3776

 26.4057, 0.3869,
0.3673

■ 29.7622, 0.3629,
0.3566

■ 33.4793, 0.3420,
0.3460

■ 37.5679, 0.3240,
0.3359

■ 42.0385, 0.3085,
0.3264

Harmonies

Analogous

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



14.6007, 0.5268, 0.3192



14.6007, 0.5372, 0.3945



14.6007, 0.4784, 0.4762

Triad

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



14.6007, 0.5372, 0.3945



14.6007, 0.1869, 0.4183



14.6007, 0.2095, 0.1678

Complementary

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



14.6007, 0.5372, 0.3945



14.6924, 0.1958, 0.2135

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.



14.6007, 0.1497, 0.1667



14.6007, 0.5372, 0.3945



14.6007, 0.1362, 0.2819

Square

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



14.6007, 0.5372, 0.3945



14.6007, 0.2780, 0.5369



14.6007, 0.1261, 0.1997



14.6007, 0.3106, 0.1973

Rectangle

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



14.6007, 0.5372, 0.3945



14.6007, 0.4174, 0.5263



14.6007, 0.1261, 0.1997



14.6007, 0.1851, 0.1642

Sweetspot

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



14.6015, 0.5372, 0.3945



53.7402, 0.3614, 0.3559



10.4430, 0.4244, 0.2204



11.5153, 0.3690, 0.3595



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



14.6015, 0.5372, 0.3945



22.4651, 0.5728, 0.3834



31.7006, 0.4340, 0.4839



8.5164, 0.3277, 0.3380



9.7162, 0.5680, 0.3872



0.3789, 0.5128, 0.4310

Inverse Universe

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



14.6924, 0.1958, 0.2135



22.3087, 0.1867, 0.1921



4.5853, 0.1620, 0.0882



8.5315, 0.2986, 0.3198



9.6740, 0.1878, 0.1960



0.3720, 0.2002, 0.2408

Previews

White Background



This preview shows how the Yxy color 14.6007, 0.5372, 0.3945 looks on a white background.

Color Contrast Check

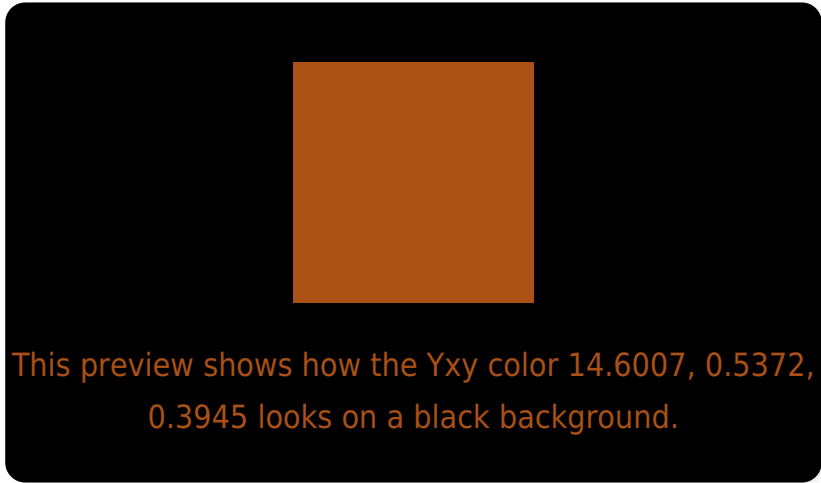
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6007, 0.5372, 0.3945

Background



This preview shows how black text looks on a background with the Yxy color 14.6007, 0.5372, 0.3945.



This preview shows how white text looks on a background with the Yxy color 14.6007, 0.5372, 0.3945.

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

14.6007, 0.5372, 0.3945

Protanopia

14.8788, 0.4253, 0.4698

Deuteranopia

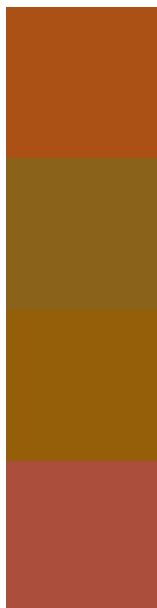
14.7370, 0.4702, 0.4649



Tritanopia

14.6472, 0.4688, 0.3223

Trichromacy



Original Color

14.6007, 0.5372, 0.3945

Protanomaly

14.2989, 0.4687, 0.4408

Deuteranomaly

14.4125, 0.4982, 0.4368

Tritanomaly

14.5457, 0.5001, 0.3539

Monochromacy



Original Color

14.6007, 0.5372, 0.3945

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

12.9089, 0.3984, 0.3733

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6007, 0.5372, 0.3945 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(171, 81, 22)` looks like.

```
.text, #text, p{  
    color:rgb(171, 81, 22)  
}
```

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(171, 81, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 81, 22) }
```

Border

The CSS property to change the border of an element to Yxy 14.6007, 0.5372, 0.3945 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(171, 81, 22) }
```

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

```
.border{ border-color:rgb(171, 81, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 81, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 81, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 81, 22);  
box-shadow:4px 4px 4px 4px rgb(171, 81,  
22) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6007, 0.5372, 0.3945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 81, 22) }
```

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

```
.background{ background-color: rgb(171, 81,  
22) }
```

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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