

Converting Colors

$Y_{xy}(14.5417, 0.5139, 0.3940)$

Have a look what the booklet for
Yxy(14.5417, 0.5139, 0.3940)
contains.

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Color

Yxy(14.6177, 0.5141, 0.3941)

Conversions

Conversions Part 1

Format	Color
Hex	A55523
RGB	165, 85, 35
RGB Percent	65%, 33%, 14%
CMY	0.3529, 0.6666, 0.8628
CMYK	0.00, 0.48, 0.79, 0.35
HSL	23°, 65%, 39%
HSV	23°, 79%, 65%
XYZ	19.0687, 14.6177, 3.4050
YIQ	103.2200, 63.7300, 1.4100

Conversions

Conversions Part 2

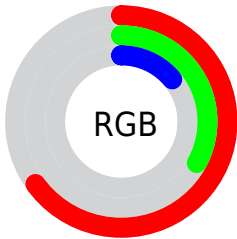
Format	Color
R _Y B	165, 116, 35
Decimal	10835235
CIE Lab	45.11, 29.32, 42.34
CIE LCh	45, 51.503, 55.303
Yxy	14.6177, 0.5141, 0.3941
Android (android.graphics.Color)	4289025315 (0xFFA55523)
YUV	103.2200, -33.6325, 54.1811
Hunter-Lab	38.2331, 22.1185, 21.4829

Details

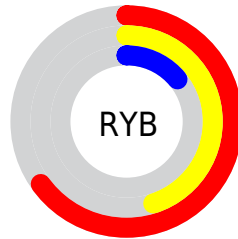
The Yxy color **14.6177, 0.5141, 0.3941** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **15.3291, 0.2038, 0.2295**, and the grayscale version is **13.7032, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.2404, 0.4692, 0.3879**, and **4.4489, 0.5759, 0.3810** is the 20% darker color. If you saturate the color by 10%, you get **13.0570, 0.5438, 0.3915**, and if you desaturate by 10%, it is **16.4554, 0.4819, 0.3919**.

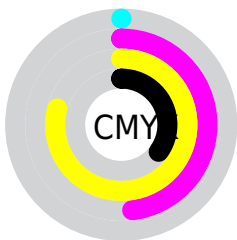
Distribution



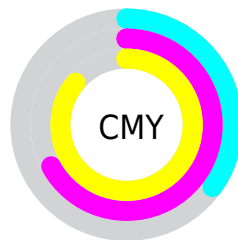
- Red (65%)
- Green (33%)
- Blue (14%)



- Red (65%)
- Yellow (45%)
- Blue (14%)



- Cyan (0%)
- Magenta (48%)
- Yellow (79%)
- Black (35%)




- Cyan (35%)
- Magenta (67%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6177, 0.5141, 0.3941 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 14.6177, 0.5141, 0.3941 by changing the saturation by 10% instead.


 14.6177, 0.5141,
0.3941


 14.6177, 0.5141,
0.3941


221.0404, 0.3982,
0.3671


 8.5515, 0.5454,
0.3944


 34.1811, 0.4692,
0.3877


 4.4498, 0.5972,
0.3969

 48.4471, 0.4530,
0.3840


 1.9282, 0.6324,
0.3676

 66.2152, 0.4397,
0.3805

 0.5653, 0.7007,
0.2993

 87.8697, 0.4286,
0.3773

 0.0000, 1.0000,
0.0000

 113.7951, 0.4192,
0.3743

 0.0000, 0.0000,
0.0000

 144.3758, 0.4111,

0.3717

179.9961, 0.4042,
0.3693

14.6177, 0.5141,
0.3941

14.6177, 0.5141,
0.3941

13.0570, 0.5438,
0.3915

16.4554, 0.4819,
0.3919

11.7502, 0.5694,
0.3845

18.5827, 0.4496,
0.3860

11.6082, 0.5725,
0.3836

21.0137, 0.4191,
0.3776

23.7612, 0.3913,
0.3678

26.8368, 0.3667,
0.3575

■ 30.2516, 0.3453,
0.3472

■ 34.0161, 0.3268,
0.3373

■ 38.1404, 0.3109,
0.3279

■ 42.6341, 0.2974,
0.3192

Harmonies

Analogous

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



14.6177, 0.5016, 0.3238



14.6177, 0.5141, 0.3941



14.6177, 0.4650, 0.4665

Triad

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



14.6177, 0.5141, 0.3941



14.6177, 0.2017, 0.4066



14.6177, 0.2209, 0.1827

Complementary

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



14.6177, 0.5141, 0.3941



15.3291, 0.2038, 0.2295

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.



14.6177, 0.1650, 0.1822



14.6177, 0.5141, 0.3941



14.6177, 0.1535, 0.2895

Square

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



14.6177, 0.5141, 0.3941



14.6177, 0.2850, 0.5073



14.6177, 0.1429, 0.2143



14.6177, 0.3122, 0.2101

Rectangle

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



14.6177, 0.5141, 0.3941



14.6177, 0.4113, 0.5072



14.6177, 0.1429, 0.2143



14.6177, 0.1983, 0.1794

Sweetspot

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



14.6185, 0.5141, 0.3941



50.6536, 0.3570, 0.3530



10.4417, 0.4095, 0.2225



10.6324, 0.3644, 0.3565



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



14.6185, 0.5141, 0.3941



21.4952, 0.5639, 0.3858



29.8791, 0.4270, 0.4779



7.5120, 0.3276, 0.3377



8.8726, 0.5707, 0.3851



0.2762, 0.5068, 0.4358

Inverse Universe

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



15.3291, 0.2038, 0.2295



22.5163, 0.1907, 0.2036



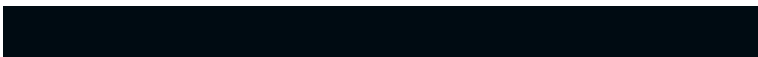
5.3676, 0.1720, 0.1070



7.5513, 0.2987, 0.3202



9.2710, 0.1890, 0.2003



0.2821, 0.2034, 0.2524

Previews

White Background



This preview shows how the Yxy color 14.6177, 0.5141, 0.3941 looks on a white background.

Color Contrast Check

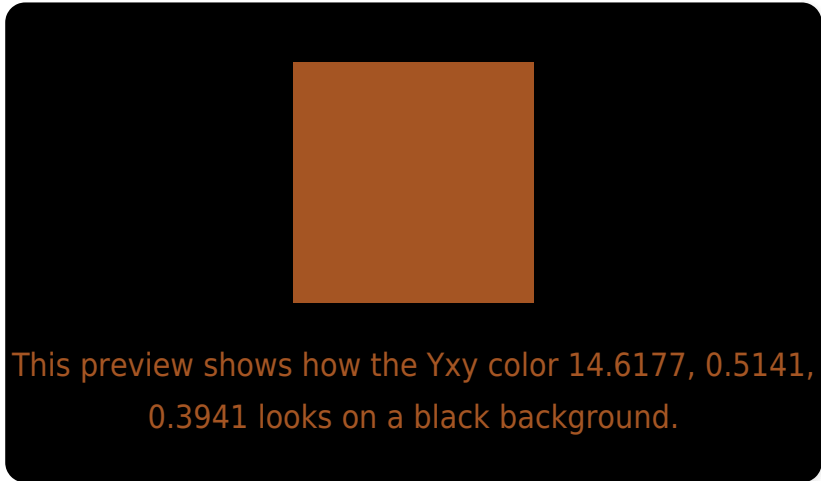
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6177, 0.5141, 0.3941

Background



This preview shows how black text looks on a background with the Yxy color 14.6177, 0.5141, 0.3941.



This preview shows how white text looks on a background with the Yxy color 14.6177, 0.5141, 0.3941.

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

14.6177, 0.5141, 0.3941

Protanopia

14.8783, 0.4138, 0.4558

Deuteranopia

14.7423, 0.4545, 0.4477



Tritanopia

14.6087, 0.4504, 0.3218

Trichromacy



Original Color

14.6177, 0.5141, 0.3941

Protanomaly

14.4951, 0.4501, 0.4328

Deuteranomaly

14.5757, 0.4774, 0.4273

Tritanomaly

14.5468, 0.4774, 0.3515

Monochromacy



Original Color

14.6177, 0.5141, 0.3941

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.3514, 0.3875, 0.3653

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6177, 0.5141, 0.3941 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(165, 85, 35)` looks like.

```
.text, #text, p{  
    color:rgb(165, 85, 35)  
}
```

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(165, 85, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 85, 35) }
```

Border

The CSS property to change the border of an element to Yxy 14.6177, 0.5141, 0.3941 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(165, 85, 35) }
```

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

```
.border{ border-color:rgb(165, 85, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 85, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 85, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 85, 35);  
box-shadow:4px 4px 4px 4px rgb(165, 85,  
35) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6177, 0.5141, 0.3941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 85, 35) }
```

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

```
.background{ background-color: rgb(165, 85,  
35) }
```

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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