

Converting Colors

$Y_{xy}(14.6858, 0.5033, 0.3842)$

Have a look what the booklet for
Yxy(14.6858, 0.5033, 0.3842)
contains.

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Color

Yxy(14.6858, 0.5033, 0.3842)

Conversions

Conversions Part 1	
Format	Color
Hex	A5552D
RGB	165, 85, 45
RGB Percent	65%, 33%, 18%
CMY	0.3530, 0.6666, 0.8236
CMYK	0.00, 0.48, 0.73, 0.35
HSL	20°, 57%, 41%
HSV	20°, 73%, 65%
XYZ	19.2383, 14.6858, 4.3002
YIQ	104.3600, 60.5200, 4.5200

Conversions

Conversions Part 2

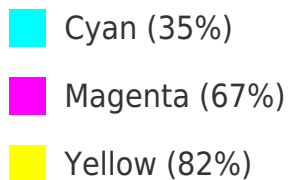
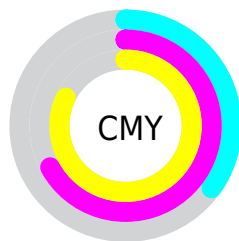
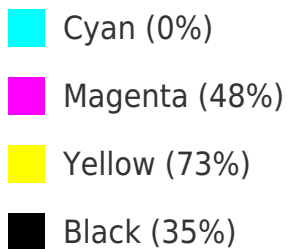
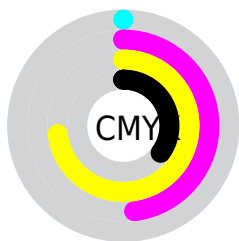
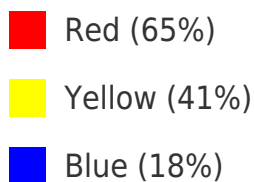
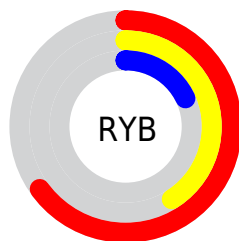
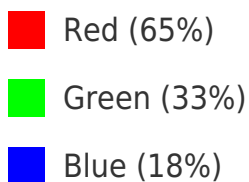
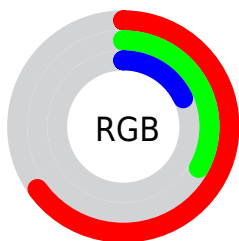
Format	Color
RYB	165, 105, 45
Decimal	10835245
CIELab	45.20, 29.77, 37.41
CIELCh	45, 47.812, 51.483
Yxy	14.6858, 0.5033, 0.3842
Android (android.graphics.Color)	4289025325 (0xFFA5552D)
YUV	104.3600, -29.2645, 53.1813
Hunter-Lab	38.3221, 22.5464, 20.1723

Details

The Yxy color **14.6858, 0.5033, 0.3842** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.9306, 0.2129, 0.2512**, and the grayscale version is **14.0129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.4062, 0.4595, 0.3780**, and **4.5113, 0.5769, 0.3801** is the 20% darker color. If you saturate the color by 10%, you get **12.9844, 0.5372, 0.3837**, and if you desaturate by 10%, it is **16.7076, 0.4684, 0.3807**.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6858, 0.5033, 0.3842 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 14.6858, 0.5033, 0.3842 by changing the saturation by 10% instead.


 14.6858, 0.5033,
0.3842


 14.6858, 0.5033,
0.3842


221.4565, 0.3922,
0.3609


 8.5992, 0.5349,
0.3850


 34.3010, 0.4595,
0.3784


 4.4807, 0.5803,
0.3835


 48.5984, 0.4440,
0.3752


 1.9459, 0.6339,
0.3661

 66.4015, 0.4313,
0.3722

 0.5758, 0.7014,
0.2986

 88.0947, 0.4208,
0.3695

 0.0000, 1.0000,
0.0000


 114.0624, 0.4119,
0.3670


 0.0000, 0.0000,
0.0000


 144.6890, 0.4044,


0.3647


180.3589, 0.3979,
0.3627


 14.6858, 0.5033,
0.3842


 14.6858, 0.5033,
0.3842


 12.9844, 0.5372,
0.3837


 16.7076, 0.4684,
0.3807


 11.5824, 0.5672,
0.3784


 19.0641, 0.4349,
0.3743


 10.7351, 0.5862,
0.3727

 21.7715, 0.4043,
0.3663


 24.8444, 0.3773,
0.3574

 28.2961, 0.3540,
0.3483

 32.1395, 0.3339,
0.3395

 36.3868, 0.3169,
0.3312

 41.0496, 0.3025,
0.3234

 46.1390, 0.2902,
0.3163

Harmonies

Analogous

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



14.6858, 0.4818, 0.3176



14.6858, 0.5033, 0.3842



14.6858, 0.4652, 0.4521

Triad

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



14.6858, 0.5033, 0.3842



14.6858, 0.2181, 0.4150



14.6858, 0.2183, 0.1894

Complementary

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



14.6858, 0.5033, 0.3842



17.9306, 0.2129, 0.2512

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.



14.6858, 0.1690, 0.1930



14.6858, 0.5033, 0.3842



14.6858, 0.1669, 0.3056

Square

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



14.6858, 0.5033, 0.3842



14.6858, 0.2998, 0.4991



14.6858, 0.1519, 0.2289



14.6858, 0.3004, 0.2123

Rectangle

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



14.6858, 0.5033, 0.3842



14.6858, 0.4176, 0.4906



14.6858, 0.1519, 0.2289



14.6858, 0.1981, 0.1874

Sweetspot

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



14.6866, 0.5033, 0.3842



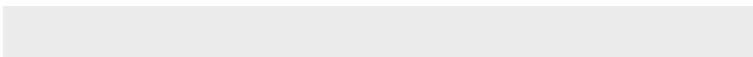
50.9017, 0.3532, 0.3480



11.3539, 0.3873, 0.2182



10.7691, 0.3588, 0.3503



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.



14.6866, 0.5033, 0.3842



21.7232, 0.5554, 0.3812



28.4367, 0.4271, 0.4651



7.4541, 0.3277, 0.3366



8.2054, 0.5844, 0.3742



0.2564, 0.5181, 0.4268

Inverse Universe

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



17.9306, 0.2129, 0.2512



27.5784, 0.2002, 0.2312



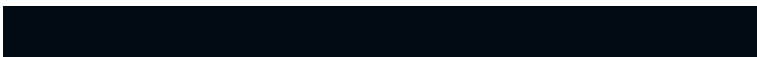
7.0515, 0.1833, 0.1324



7.6112, 0.2987, 0.3213



10.5796, 0.1940, 0.2183



0.3036, 0.2064, 0.2632

Previews

White Background



This preview shows how the Yxy color 14.6858, 0.5033, 0.3842 looks on a white background.

Color Contrast Check

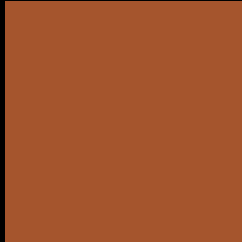
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6858, 0.5033, 0.3842 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 14.6858, 0.5033, 0.3842

Background



This preview shows how black text looks on a background with the Yxy color 14.6858, 0.5033, 0.3842.



This preview shows how white text looks on a background with the Yxy color 14.6858, 0.5033, 0.3842.

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

14.6858, 0.5033, 0.3842

Protanopia

14.8950, 0.4010, 0.4395

Deuteranopia

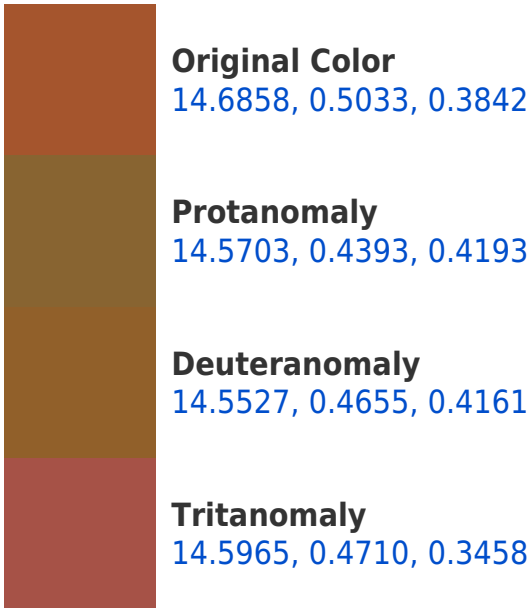
14.7312, 0.4424, 0.4350



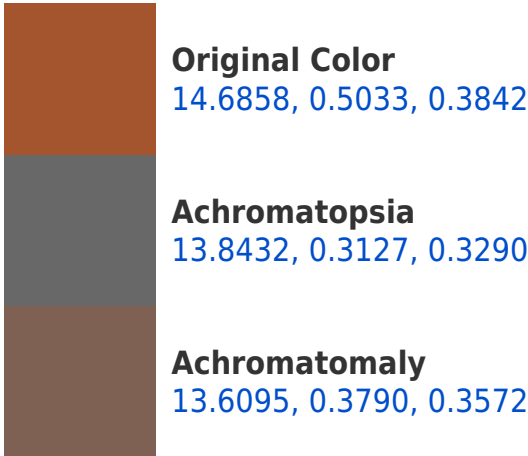
Tritanopia

14.6247, 0.4487, 0.3203

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6858, 0.5033, 0.3842 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, 45)` looks like.

```
.text, #text, p{  
    color:rgb(165, 85, 45)  
}
```

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, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 85, 45) }
```

Border

The CSS property to change the border of an element to Yxy 14.6858, 0.5033, 0.3842 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, 45) }
```

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

```
.border{ border-color:rgb(165, 85, 45) }
```

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, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 85, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 85, 45);  
box-shadow:4px 4px 4px 4px rgb(165, 85,  
45) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6858, 0.5033, 0.3842 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, 45) }
```

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

```
.background{ background-color: rgb(165, 85,  
45) }
```

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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