

Converting Colors

$Y_{xy}(14.5417, 0.5515, 0.4008)$

Have a look what the booklet for
Yxy(14.5417, 0.5515, 0.4008)
contains.

Yxy(14.6216, 0.5509, 0.4007)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.6216, 0.5509, 0.4007)

Conversions

Conversions Part 1

Format	Color
Hex	AD5000
RGB	173, 80, 0
RGB Percent	68%, 31%, 0%
CMY	0.3216, 0.6863, 0.9995
CMYK	0.00, 0.54, 1.00, 0.32
HSL	28°, 100%, 34%
HSV	28°, 100%, 68%
XYZ	20.1024, 14.6216, 1.7661
YIQ	98.6870, 81.1080, -5.1640

Conversions

Conversions Part 2

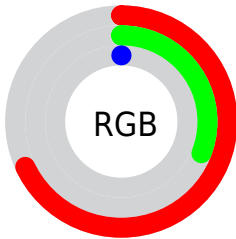
Format	Color
R_{YB}	173, 149, 0
Decimal	11358208
CIE _{Lab}	45.11, 34.49, 54.74
CIE _{LCh}	45, 64.698, 57.785
Yxy	14.6216, 0.5509, 0.4007
Android (android.graphics.Color)	4289548288 (0xFFAD5000)
YUV	98.6870, -48.6527, 65.1725
Hunter-Lab	38.2382, 26.9234, 24.0283

Details

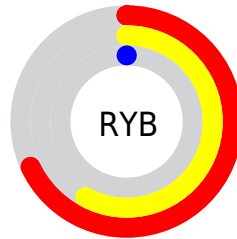
The Yxy color **14.6216, 0.5509, 0.4007** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **10.8663, 0.1810, 0.1715**, and the grayscale version is **12.5080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.2003, 0.5036, 0.3992**, and **4.4907, 0.5948, 0.3659** is the 20% darker color. If you saturate the color by 10%, you get **14.6126, 0.5510, 0.4007**, and if you desaturate by 10%, it is **16.1225, 0.5285, 0.4070**.

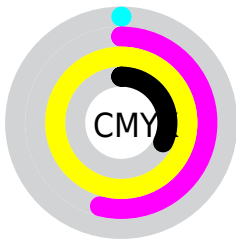
Distribution



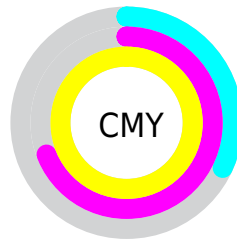
- Red (68%)
- Green (31%)
- Blue (0%)



- Red (68%)
- Yellow (58%)
- Blue (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (100%)
- Black (32%)





- Cyan (32%)
- Magenta (69%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6216, 0.5509, 0.4007 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 14.6216, 0.5509, 0.4007 by changing the saturation by 10% instead.


 14.6216, 0.5509,
0.4007


 14.6216, 0.5509,
0.4007


 221.0643, 0.4193,
0.3779


 8.5543, 0.5840,
0.3972


 34.1880, 0.5030,
0.3991


 4.4516, 0.6184,
0.3816

 48.4558, 0.4846,
0.3961


 1.9293, 0.6538,
0.3462

 66.2259, 0.4692,
0.3928

 0.5659, 0.7264,
0.2736

 87.8826, 0.4560,
0.3894


 0.0000, 1.0000,
0.0000


 113.8105, 0.4448,
0.3863


 0.0000, 0.0000,
0.0000


 144.3938, 0.4351,


0.3832

 180.0169, 0.4267,
0.3805


 14.6216, 0.5509,
0.4007


 14.6216, 0.5509,
0.4007

 14.6126, 0.5510,
0.4007

 16.1225, 0.5285,
0.4070

 17.8550, 0.5028,
0.4089

 19.8409, 0.4745,
0.4057

 22.0935, 0.4456,
0.3985

 24.6246, 0.4176,
0.3885

■ 27.4451, 0.3915,
0.3769

■ 30.5651, 0.3679,
0.3645

■ 33.9944, 0.3470,
0.3522

■ 37.7421, 0.3286,
0.3402

Harmonies

Analogous

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



14.6216, 0.5512, 0.3215



14.6216, 0.5509, 0.4007



14.6216, 0.4792, 0.4901

Triad

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



14.6216, 0.5509, 0.4007



14.6216, 0.1686, 0.4130



14.6216, 0.2083, 0.1583

Complementary

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



14.6216, 0.5509, 0.4007



10.8663, 0.1810, 0.1715

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.



14.6216, 0.1421, 0.1539



14.6216, 0.5509, 0.4007



14.6216, 0.1208, 0.2651

Square

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



14.6216, 0.5509, 0.4007



14.6216, 0.2620, 0.5543



14.6216, 0.1146, 0.1837



14.6216, 0.3208, 0.1915

Rectangle

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



14.6216, 0.5509, 0.4007



14.6216, 0.4110, 0.5464



14.6216, 0.1146, 0.1837



14.6216, 0.1813, 0.1535

Sweetspot

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



14.6224, 0.5509, 0.4007



54.3952, 0.3692, 0.3653



9.7165, 0.4737, 0.2384



11.3156, 0.3786, 0.3703



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.



14.6224, 0.5509, 0.4007



25.7504, 0.5538, 0.3985



35.5618, 0.4282, 0.4981



8.6024, 0.3275, 0.3395



10.8475, 0.5493, 0.4020



0.4119, 0.5003, 0.4410

Inverse Universe

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



10.8663, 0.1810, 0.1715



19.0070, 0.1802, 0.1686



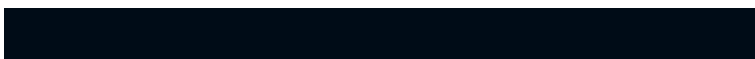
3.2081, 0.1510, 0.0634



8.4439, 0.2986, 0.3183



8.0907, 0.1814, 0.1731



0.3330, 0.1959, 0.2250

Previews

White Background



This preview shows how the Yxy color 14.6216, 0.5509, 0.4007 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 14.6216, 0.5509, 0.4007 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 14.6216, 0.5509, 0.4007

Background



This preview shows how black text looks on a background with the Yxy color 14.6216, 0.5509, 0.4007.



This preview shows how white text looks on a background with the Yxy color 14.6216, 0.5509, 0.4007.

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

14.6216, 0.5509, 0.4007

Protanopia

14.8275, 0.4329, 0.4811

Deuteranopia

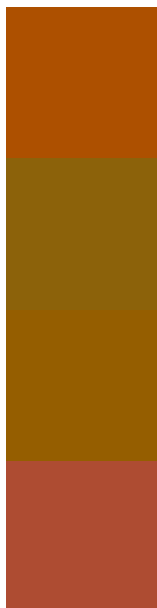
14.7370, 0.4702, 0.4649



Tritanopia

14.5760, 0.4766, 0.3225

Trichromacy



Original Color

14.6216, 0.5509, 0.4007

Protanomaly

14.3327, 0.4789, 0.4504

Deuteranomaly

14.3950, 0.5013, 0.4401

Tritanomaly

14.3978, 0.5190, 0.3624

Monochromacy



Original Color

14.6216, 0.5509, 0.4007

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.4488, 0.4142, 0.3868

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6216, 0.5509, 0.4007 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(173, 80, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 80, 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(173, 80, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 80, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.6216, 0.5509, 0.4007 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(173, 80, 0) }
```

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

```
.border{ border-color:rgb(173, 80, 0) }
```

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

Here you see how a box with a 4 pixel rgb(173, 80, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 80, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 80, 0);  
box-shadow:4px 4px 4px 4px rgb(173, 80, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.6216, 0.5509, 0.4007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 80, 0) }
```

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

```
.background{ background-color: rgb(173, 80,  
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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