

Converting Colors

$Y_{xy}(14.4752, 0.5681, 0.4289)$

Have a look what the booklet for
Yxy(14.4752, 0.5681, 0.4289)
contains.

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Color

Yxy(14.6215, 0.5423, 0.4076)

Conversions

Conversions Part 1

Format	Color
Hex	A95300
RGB	169, 83, 0
RGB Percent	66%, 33%, 0%
CMY	0.3373, 0.6745, 0.9999
CMYK	0.00, 0.51, 1.00, 0.34
HSL	29°, 100%, 33%
HSV	29°, 100%, 66%
XYZ	19.4535, 14.6215, 1.7972
YIQ	99.2520, 77.8990, -7.5810

Conversions

Conversions Part 2

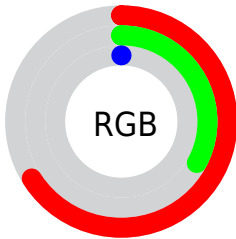
Format	Color
R_{YB}	169, 163, 0
Decimal	11096832
CIE _{Lab}	45.11, 31.25, 54.44
CIE _{LCh}	45, 62.773, 60.144
Yxy	14.6215, 0.5423, 0.4076
Android (android.graphics.Color)	4289286912 (0xFFA95300)
YUV	99.2520, -48.9312, 61.1690
Hunter-Lab	38.2381, 23.8946, 23.9800

Details

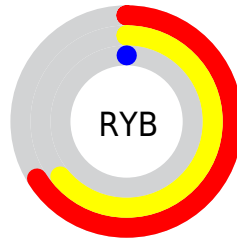
The Yxy color **14.6215, 0.5423, 0.4076** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **9.5175, 0.1783, 0.1618**, and the grayscale version is **12.6570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1890, 0.4955, 0.4038**, and **4.5171, 0.5835, 0.3749** is the 20% darker color. If you saturate the color by 10%, you get **14.6212, 0.5423, 0.4076**, and if you desaturate by 10%, it is **16.0610, 0.5210, 0.4132**.

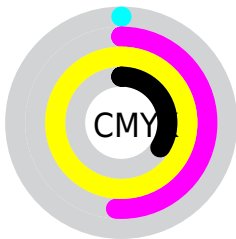
Distribution



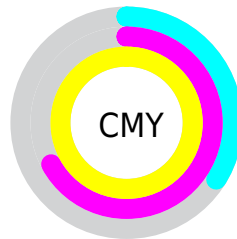
- Red (66%)
- Green (33%)
- Blue (0%)



- Red (66%)
- Yellow (64%)
- Blue (0%)



- Cyan (0%)
- Magenta (51%)
- Yellow (100%)
- Black (34%)





- Cyan (34%)
- Magenta (67%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6215, 0.5423, 0.4076 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 14.6215, 0.5423, 0.4076 by changing the saturation by 10% instead.

 14.6215, 0.5423,
0.4076


 14.6215, 0.5423,
0.4076


 221.0637, 0.4155,
0.3798

 8.5542, 0.5741,
0.4057


 34.1878, 0.4961,
0.4037

 4.4516, 0.6074,
0.3926

 48.4556, 0.4784,
0.4001


 1.9292, 0.6405,
0.3595

 66.2256, 0.4635,
0.3962

 0.5659, 0.7106,
0.2894

 87.8823, 0.4509,
0.3924


 0.0000, 1.0000,
0.0000


 113.8101, 0.4400,
0.3889


 0.0000, 0.0000,
0.0000

 144.3933, 0.4307,


0.3856


 180.0164, 0.4226,
0.3826

 14.6215, 0.5423,
0.4076


 14.6215, 0.5423,
0.4076

 14.6212, 0.5423,
0.4076

 16.0610, 0.5210,
0.4132

 17.7027, 0.4968,
0.4144

 19.5664, 0.4700,
0.4105

 21.6636, 0.4424,
0.4027

 24.0044, 0.4155,
0.3920

■ 26.5982, 0.3903,
0.3797

■ 29.4538, 0.3673,
0.3667

■ 32.5795, 0.3467,
0.3537

■ 35.9830, 0.3286,
0.3410

Harmonies

Analogous

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



14.6215, 0.5481, 0.3287



14.6215, 0.5423, 0.4076



14.6215, 0.4695, 0.4949

Triad

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



14.6215, 0.5423, 0.4076



14.6215, 0.1671, 0.3978



14.6215, 0.2179, 0.1633

Complementary

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



14.6215, 0.5423, 0.4076



9.5175, 0.1783, 0.1618

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.



14.6215, 0.1493, 0.1568



14.6215, 0.5423, 0.4076



14.6215, 0.1231, 0.2588

Square

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



14.6215, 0.5423, 0.4076



14.6215, 0.2560, 0.5395



14.6215, 0.1194, 0.1835



14.6215, 0.3311, 0.1983

Rectangle

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



14.6215, 0.5423, 0.4076



14.6215, 0.4021, 0.5470



14.6215, 0.1194, 0.1835



14.6215, 0.1902, 0.1579

Sweetspot

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



14.6223, 0.5423, 0.4076



52.4682, 0.3685, 0.3674



9.1272, 0.4875, 0.2459



10.9763, 0.3775, 0.3727



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



14.6223, 0.5423, 0.4076



25.7731, 0.5450, 0.4055



35.7681, 0.4222, 0.5030



8.1280, 0.3274, 0.3401



11.0057, 0.5407, 0.4089



0.3705, 0.4908, 0.4485

Inverse Universe

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



9.5175, 0.1783, 0.1618



16.6258, 0.1775, 0.1589



2.9256, 0.1503, 0.0612



7.9079, 0.2987, 0.3176



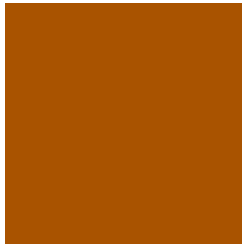
7.2012, 0.1788, 0.1636



0.2773, 0.1954, 0.2234

Previews

White Background



This preview shows how the Yxy color 14.6215, 0.5423, 0.4076 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 14.6215, 0.5423, 0.4076 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 14.6215, 0.5423, 0.4076

Background



This preview shows how black text looks on a background with the Yxy color 14.6215, 0.5423, 0.4076.



This preview shows how white text looks on a background with the Yxy color 14.6215, 0.5423, 0.4076.

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

14.6215, 0.5423, 0.4076

Protanopia

14.8246, 0.4334, 0.4818

Deuteranopia

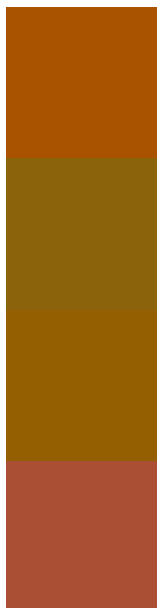
14.7370, 0.4702, 0.4649



Tritanopia

14.5749, 0.4636, 0.3222

Trichromacy



Original Color

14.6215, 0.5423, 0.4076

Protanomaly

14.3489, 0.4744, 0.4539

Deuteranomaly

14.4803, 0.4983, 0.4425

Tritanomaly

14.3859, 0.5081, 0.3656

Monochromacy



Original Color

14.6215, 0.5423, 0.4076

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.4727, 0.4099, 0.3896

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6215, 0.5423, 0.4076 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(169, 83, 0)` looks like.

```
.text, #text, p{  
    color:rgb(169, 83, 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(169, 83, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 83, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.6215, 0.5423, 0.4076 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(169, 83, 0) }
```

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

```
.border{ border-color:rgb(169, 83, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 83, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 83, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 83, 0);  
box-shadow:4px 4px 4px 4px rgb(169, 83, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.6215, 0.5423, 0.4076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 83, 0) }
```

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

```
.background{ background-color: rgb(169, 83,  
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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