

Converting Colors

$Y_{xy}(14.7258, 0.5610, 0.3928)$

Have a look what the booklet for
Yxy(14.7258, 0.5610, 0.3928)
contains.

Yxy(14.6339, 0.5615, 0.3923)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.6339, 0.5615, 0.3923)

Conversions

Conversions Part 1

Format	Color
Hex	B24C00
RGB	178, 76, 0
RGB Percent	70%, 30%, 0%
CMY	0.3020, 0.7020, 0.9996
CMYK	0.00, 0.57, 1.00, 0.30
HSL	26°, 100%, 35%
HSV	26°, 100%, 70%
XYZ	20.9455, 14.6339, 1.7234
YIQ	97.8340, 85.1880, -2.0120

Conversions

Conversions Part 2

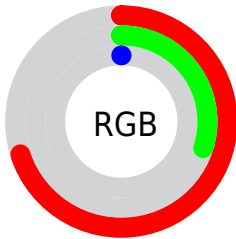
Format	Color
R_{YB}	178, 133, 0
Decimal	11684864
CIE Lab	45.13, 38.52, 55.18
CIE LCh	45, 67.296, 55.078
Yxy	14.6339, 0.5615, 0.3923
Android (android.graphics.Color)	4289874944 (0xFFB24C00)
YUV	97.8340, -48.2322, 70.3056
Hunter-Lab	38.2543, 30.7899, 24.1069

Details

The Yxy color **14.6339, 0.5615, 0.3923** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.7372, 0.1843, 0.1834**, and the grayscale version is **12.2802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.2691, 0.5108, 0.3941**, and **4.4772, 0.6088, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **14.6268, 0.5616, 0.3923**, and if you desaturate by 10%, it is **16.1975, 0.5379, 0.3994**.

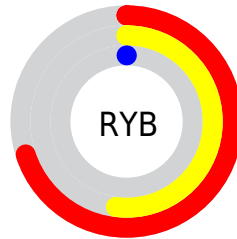
Distribution



Red (70%)

Green (30%)

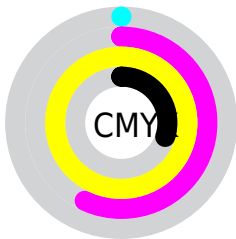
Blue (0%)



Red (70%)

Yellow (52%)

Blue (0%)

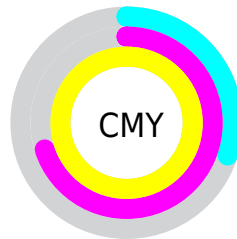


Cyan (0%)

Magenta (57%)

Yellow (100%)

Black (30%)



Cyan (30%)


Magenta (70%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6339, 0.5615, 0.3923 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 14.6339, 0.5615, 0.3923 by changing the saturation by 10% instead.


 14.6339, 0.5615,
0.3923


 14.6339, 0.5615,
0.3923


 221.1395, 0.4241,
0.3756


 8.5629, 0.5962,
0.3868


 34.2096, 0.5116,
0.3934


 4.4572, 0.6316,
0.3684

 48.4831, 0.4924,
0.3913


 1.9324, 0.6696,
0.3304

 66.2595, 0.4762,
0.3886

 0.5678, 0.7446,
0.2554

 87.9233, 0.4625,
0.3858


 0.0000, 1.0000,
0.0000


 113.8588, 0.4508,
0.3831


 0.0000, 0.0000,
0.0000


 144.4504, 0.4407,


0.3804

 180.0825, 0.4319,
0.3779


 14.6339, 0.5615,
0.3923


 14.6339, 0.5615,
0.3923

 14.6268, 0.5616,
0.3923

 16.1975, 0.5379,
0.3994

 18.0323, 0.5105,
0.4021

 20.1631, 0.4804,
0.3997

 22.6059, 0.4498,
0.3934

 25.3749, 0.4203,
0.3842

■ 28.4833, 0.3932,
0.3734

■ 31.9435, 0.3688,
0.3620

■ 35.7670, 0.3474,
0.3505

■ 39.9650, 0.3287,
0.3394

Harmonies

Analogous

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



14.6339, 0.5551, 0.3128



14.6339, 0.5615, 0.3923



14.6339, 0.4910, 0.4841

Triad

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



14.6339, 0.5615, 0.3923



14.6339, 0.1703, 0.4323



14.6339, 0.1968, 0.1521

Complementary

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



14.6339, 0.5615, 0.3923



12.7372, 0.1843, 0.1834

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.



14.6339, 0.1336, 0.1502



14.6339, 0.5615, 0.3923



14.6339, 0.1178, 0.2728

Square

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



14.6339, 0.5615, 0.3923



14.6339, 0.2687, 0.5722



14.6339, 0.1087, 0.1838



14.6339, 0.3083, 0.1834

Rectangle

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



14.6339, 0.5615, 0.3923



14.6339, 0.4215, 0.5451



14.6339, 0.1087, 0.1838



14.6339, 0.1707, 0.1481

Sweetspot

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



14.6347, 0.5615, 0.3923



57.5477, 0.3701, 0.3627



10.4644, 0.4603, 0.2310



12.1560, 0.3800, 0.3675



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



14.6347, 0.5615, 0.3923



26.0890, 0.5645, 0.3900



35.7229, 0.4346, 0.4931



9.0815, 0.3277, 0.3388



10.5850, 0.5597, 0.3938



0.4497, 0.5111, 0.4323

Inverse Universe

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



12.7372, 0.1843, 0.1834



22.6161, 0.1836, 0.1808



3.5546, 0.1516, 0.0657



9.0120, 0.2985, 0.3191



9.2337, 0.1848, 0.1851



0.4034, 0.1971, 0.2295

Previews

White Background



This preview shows how the Yxy color 14.6339, 0.5615, 0.3923 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 14.6339, 0.5615, 0.3923 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 14.6339, 0.5615, 0.3923

Background



This preview shows how black text looks on a background with the Yxy color 14.6339, 0.5615, 0.3923.



This preview shows how white text looks on a background with the Yxy color 14.6339, 0.5615, 0.3923.

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

14.6339, 0.5615, 0.3923

Protanopia

14.8305, 0.4324, 0.4804

Deuteranopia

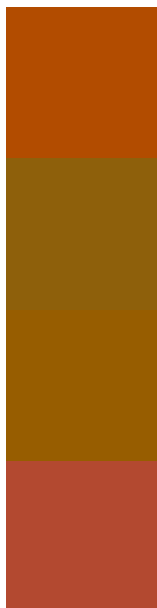
14.7370, 0.4702, 0.4649



Tritanopia

14.7178, 0.4924, 0.3243

Trichromacy



Original Color

14.6339, 0.5615, 0.3923

Protanomaly

14.1407, 0.4846, 0.4450

Deuteranomaly

14.4080, 0.5056, 0.4368

Tritanomaly

14.5622, 0.5305, 0.3592

Monochromacy



Original Color

14.6339, 0.5615, 0.3923

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

12.1722, 0.4194, 0.3845

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6339, 0.5615, 0.3923 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(178, 76, 0)` looks like.

```
.text, #text, p{  
  color:rgb(178, 76, 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(178, 76, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 76, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.6339, 0.5615, 0.3923 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(178, 76, 0) }
```

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

```
.border{ border-color:rgb(178, 76, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 76, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 76, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 76, 0);  
box-shadow:4px 4px 4px 4px rgb(178, 76, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.6339, 0.5615, 0.3923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 76, 0) }
```

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

```
.background{ background-color: rgb(178, 76,  
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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