

Converting Colors

$Y_{xy}(14.2348, 0.5174, 0.4395)$

Have a look what the booklet for
Yxy(14.2348, 0.5174, 0.4395)
contains.

Yxy(14.2545, 0.5115, 0.4320)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(14.2545, 0.5115, 0.4320)

Conversions

Conversions Part 1

Format	Color
Hex	995B00
RGB	153, 91, 0
RGB Percent	60%, 36%, 0%
CMY	0.4000, 0.6431, 0.9996
CMYK	0.00, 0.41, 1.00, 0.40
HSL	36°, 100%, 30%
HSV	36°, 100%, 60%
XYZ	16.8777, 14.2545, 1.8643
YIQ	99.1640, 66.1630, -15.1570

Conversions

Conversions Part 2

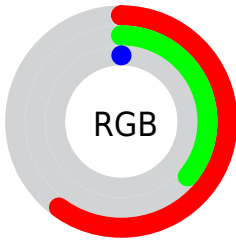
Format	Color
RYB	104, 153, 0
Decimal	10050304
CIELab	44.60, 19.85, 52.93
CIELCh	45, 56.526, 69.444
Yxy	14.2545, 0.5115, 0.4320
Android (android.graphics.Color)	4288240384 (0xFF995B00)
YUV	99.1640, -48.8879, 47.2142
Hunter-Lab	37.7551, 13.7236, 23.5009

Details

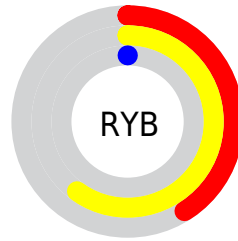
The Yxy color **14.2545, 0.5115, 0.4320** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.7542, 0.1696, 0.1305**, and the grayscale version is **12.6373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3626, 0.4717, 0.4200**, and **4.3636, 0.5403, 0.4092** is the 20% darker color. If you saturate the color by 10%, you get **14.2488, 0.5116, 0.4320**, and if you desaturate by 10%, it is **15.3954, 0.4945, 0.4345**.

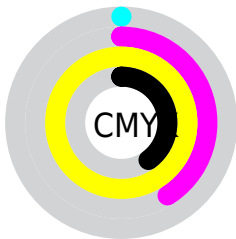
Distribution



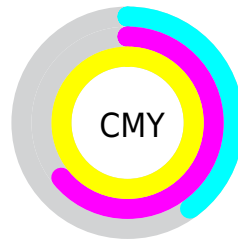
- Red (60%)
- Green (36%)
- Blue (0%)



- Red (41%)
- Yellow (60%)
- Blue (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (100%)
- Black (40%)




- Cyan (40%)
- Magenta (64%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2545, 0.5115, 0.4320 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 14.2545, 0.5115, 0.4320 by changing the saturation by 10% instead.


 14.2545, 0.5115,
0.4320


 14.2545, 0.5115,
0.4320


 218.8084, 0.4017,
0.3861


 8.2979, 0.5388,
0.4365


 33.5399, 0.4715,
0.4199


 4.2861, 0.5675,
0.4325

 47.6375, 0.4562,
0.4136

 1.8349, 0.5914,
0.4086

 65.2176, 0.4433,
0.4078

 0.5088, 0.6570,
0.3430

 86.6645, 0.4323,
0.4025


 0.0000, 0.0000,
0.0000


 112.3626, 0.4230,
0.3977


 142.6964, 0.4149,

0.3934


 178.0502, 0.4079,
0.3896

 14.2545, 0.5115,
0.4320

 14.2545, 0.5115,
0.4320


 14.2488, 0.5116,
0.4320

 15.3954, 0.4945,
0.4345

 16.6516, 0.4752,
0.4331

 18.0377, 0.4535,
0.4269

 19.5603, 0.4306,
0.4167

 21.2255, 0.4076,
0.4038

■ 23.0387, 0.3854,
0.3892

■ 25.0049, 0.3645,
0.3738

■ 27.1288, 0.3454,
0.3583

■ 29.4149, 0.3281,
0.3433

Harmonies

Analogous

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



14.2545, 0.5361, 0.3548



14.2545, 0.5115, 0.4320



14.2545, 0.4344, 0.5094

Triad

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



14.2545, 0.5115, 0.4320



14.2545, 0.1613, 0.3487



14.2545, 0.2542, 0.1817

Complementary

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



14.2545, 0.5115, 0.4320



5.7542, 0.1696, 0.1305

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.



14.2545, 0.1764, 0.1671



14.2545, 0.5115, 0.4320



14.2545, 0.1310, 0.2386

Square

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



14.2545, 0.5115, 0.4320



14.2545, 0.2338, 0.4853



14.2545, 0.1370, 0.1827



14.2545, 0.3684, 0.2228

Rectangle

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



14.2545, 0.5115, 0.4320



14.2545, 0.3688, 0.5437



14.2545, 0.1370, 0.1827



14.2545, 0.2237, 0.1738

Sweetspot

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



14.2552, 0.5115, 0.4320



44.5462, 0.3658, 0.3748



7.1417, 0.5273, 0.2679



9.5311, 0.3737, 0.3808



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



14.2552, 0.5115, 0.4320



25.1477, 0.5138, 0.4302



28.3785, 0.4050, 0.5166



6.8025, 0.3269, 0.3422



11.8438, 0.5107, 0.4327



0.2482, 0.4634, 0.4703

Inverse Universe

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



5.7542, 0.1696, 0.1305



9.9497, 0.1686, 0.1270



2.3860, 0.1533, 0.0618



6.4170, 0.2989, 0.3154



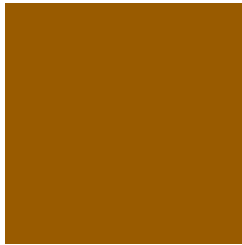
4.8131, 0.1699, 0.1318



0.1406, 0.1925, 0.2129

Previews

White Background



This preview shows how the Yxy color 14.2545, 0.5115, 0.4320 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 14.2545, 0.5115, 0.4320

Background



This preview shows how black text looks on a background with the Yxy color 14.2545, 0.5115, 0.4320.



This preview shows how white text looks on a background with the Yxy color 14.2545, 0.5115, 0.4320.

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

14.2545, 0.5115, 0.4320

Protanopia

14.3277, 0.4362, 0.4820

Deuteranopia

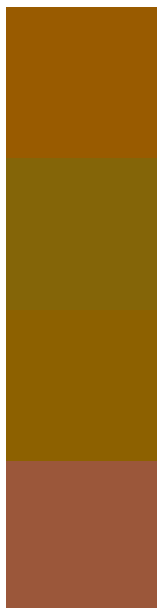
14.3757, 0.4692, 0.4657



Tritanopia

14.3202, 0.4204, 0.3194

Trichromacy



Original Color

14.2545, 0.5115, 0.4320

Protanomaly

14.2304, 0.4634, 0.4640

Deuteranomaly

14.2121, 0.4858, 0.4525

Tritanomaly

14.0904, 0.4708, 0.3750

Monochromacy



Original Color

14.2545, 0.5115, 0.4320

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.6466, 0.3989, 0.3976

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2545, 0.5115, 0.4320 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(153, 91, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 91, 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(153, 91, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 91, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.2545, 0.5115, 0.4320 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(153, 91, 0) }
```

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

```
.border{ border-color:rgb(153, 91, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 91, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 91, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 91, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 91, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.2545, 0.5115, 0.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 91, 0) }
```

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

```
.background{ background-color: rgb(153, 91,  
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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