

Converting Colors

$Y_{xy}(14.2951, 0.5390, 0.4381)$

Have a look what the booklet for
Yxy(14.2951, 0.5390, 0.4381)
contains.

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Color

Yxy(14.3504, 0.5236, 0.4224)

Conversions

Conversions Part 1

Format	Color
Hex	9F5800
RGB	159, 88, 0
RGB Percent	62%, 35%, 0%
CMY	0.3765, 0.6549, 0.9997
CMYK	0.00, 0.45, 1.00, 0.38
HSL	33°, 100%, 31%
HSV	33°, 100%, 62%
XYZ	17.7885, 14.3504, 1.8346
YIQ	99.1970, 70.5640, -12.3160

Conversions

Conversions Part 2

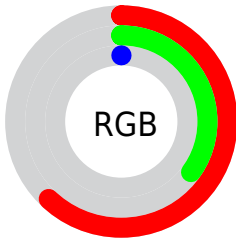
Format	Color
R_{YB}	128, 159, 0
Decimal	10442752
CIE _{Lab}	44.73, 24.23, 53.44
CIE _{LCh}	45, 58.673, 65.609
Yxy	14.3504, 0.5236, 0.4224
Android (android.graphics.Color)	4288632832 (0xFF9F5800)
YUV	99.1970, -48.9041, 52.4472
Hunter-Lab	37.8819, 17.5263, 23.6460

Details

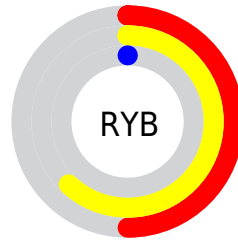
The Yxy color **14.3504, 0.5236, 0.4224** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.0206, 0.1730, 0.1426**, and the grayscale version is **12.6450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5528, 0.4814, 0.4132**, and **4.3526, 0.5586, 0.3947** is the 20% darker color. If you saturate the color by 10%, you get **14.3450, 0.5237, 0.4224**, and if you desaturate by 10%, it is **15.6120, 0.5048, 0.4262**.

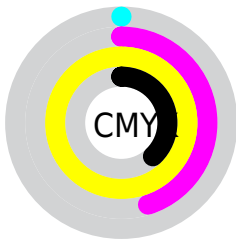
Distribution



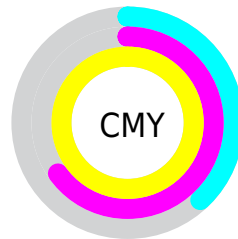
- Red (62%)
- Green (35%)
- Blue (0%)



- Red (50%)
- Yellow (62%)
- Blue (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (100%)
- Black (38%)




- Cyan (38%)
- Magenta (65%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3504, 0.5236, 0.4224 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 14.3504, 0.5236, 0.4224 by changing the saturation by 10% instead.


 14.3504, 0.5236,
0.4224


 14.3504, 0.5236,
0.4224


 219.3999, 0.4070,
0.3836


 8.3648, 0.5528,
0.4243


 33.7095, 0.4811,
0.4136


 4.3292, 0.5835,
0.4165

 47.8517, 0.4648,
0.4083

 1.8594, 0.6114,
0.3886

 65.4816, 0.4511,
0.4032

 0.5238, 0.6803,
0.3197

 86.9836, 0.4394,
0.3985

 0.0000, 1.0000,
0.0000

 112.7420, 0.4295,
0.3942

 0.0000, 0.0000,
0.0000

 143.1413, 0.4209,


0.3903

 178.5658, 0.4135,
0.3868

 14.3504, 0.5236,
0.4224


 14.3504, 0.5236,
0.4224

 14.3450, 0.5237,
0.4224

 15.6120, 0.5048,
0.4262

 17.0188, 0.4836,
0.4258

 18.5870, 0.4599,
0.4205

 20.3248, 0.4352,
0.4112

 22.2396, 0.4106,
0.3992

■ 24.3379, 0.3873,
0.3855

■ 26.6262, 0.3656,
0.3710

■ 29.1101, 0.3459,
0.3565

■ 31.7952, 0.3283,
0.3424

Harmonies

Analogous

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



14.3504, 0.5409, 0.3444



14.3504, 0.5236, 0.4224



14.3504, 0.4484, 0.5041

Triad

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



14.3504, 0.5236, 0.4224



14.3504, 0.1637, 0.3672



14.3504, 0.2396, 0.1745

Complementary

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



14.3504, 0.5236, 0.4224



7.0206, 0.1730, 0.1426

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.



14.3504, 0.1655, 0.1631



14.3504, 0.5236, 0.4224



14.3504, 0.1280, 0.2463

Square

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



14.3504, 0.5236, 0.4224



14.3504, 0.2428, 0.5067



14.3504, 0.1300, 0.1831



14.3504, 0.3536, 0.2131

Rectangle

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



14.3504, 0.5236, 0.4224



14.3504, 0.3822, 0.5459



14.3504, 0.1300, 0.1831



14.3504, 0.2102, 0.1676

Sweetspot

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



14.3512, 0.5236, 0.4224



47.4189, 0.3669, 0.3719



7.8355, 0.5143, 0.2607



10.3163, 0.3753, 0.3777



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



14.3512, 0.5236, 0.4224



25.2967, 0.5261, 0.4205



31.3818, 0.4107, 0.5121



7.2240, 0.3271, 0.3414



11.4141, 0.5225, 0.4233



0.2878, 0.4726, 0.4630

Inverse Universe

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



7.0206, 0.1730, 0.1426



12.1856, 0.1720, 0.1392



2.5568, 0.1519, 0.0611



6.8987, 0.2988, 0.3163



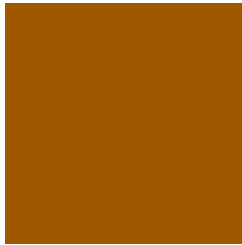
5.6211, 0.1734, 0.1441



0.1837, 0.1944, 0.2197

Previews

White Background



This preview shows how the Yxy color 14.3504, 0.5236, 0.4224 looks on a white background.

Color Contrast Check

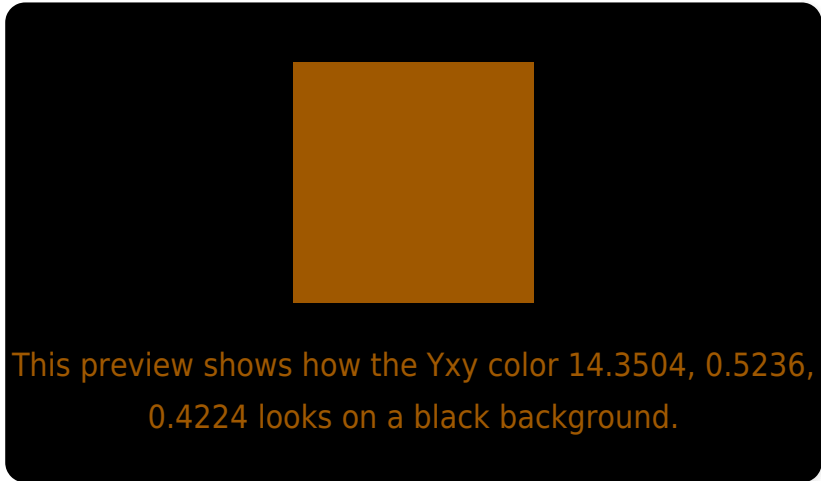
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3504, 0.5236, 0.4224

Background



This preview shows how black text looks on a background with the Yxy color 14.3504, 0.5236, 0.4224.



This preview shows how white text looks on a background with the Yxy color 14.3504, 0.5236, 0.4224.

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

14.3504, 0.5236, 0.4224

Protanopia

14.5375, 0.4343, 0.4828

Deuteranopia

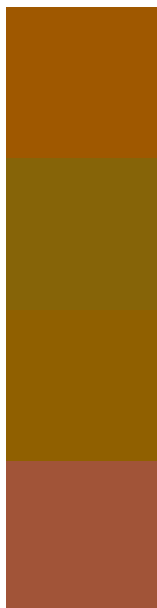
14.4583, 0.4706, 0.4646



Tritanopia

14.4205, 0.4366, 0.3199

Trichromacy



Original Color

14.3504, 0.5236, 0.4224

Protanomaly

14.2002, 0.4679, 0.4604

Deuteranomaly

14.2950, 0.4915, 0.4480

Tritanomaly

14.2032, 0.4853, 0.3710

Monochromacy



Original Color

14.3504, 0.5236, 0.4224

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.6082, 0.4031, 0.3947

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3504, 0.5236, 0.4224 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(159, 88, 0)` looks like.

```
.text, #text, p{  
    color:rgb(159, 88, 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(159, 88, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 88, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.3504, 0.5236, 0.4224 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(159, 88, 0) }
```

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

```
.border{ border-color:rgb(159, 88, 0) }
```

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

Here you see how a box with a 4 pixel rgb(159, 88, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 88, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 88, 0);  
box-shadow:4px 4px 4px 4px rgb(159, 88, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.3504, 0.5236, 0.4224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 88, 0) }
```

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

```
.background{ background-color: rgb(159, 88,  
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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