

Converting Colors

$Y_{xy}(14.4402, 0.3692, 0.5784)$

Have a look what the booklet for
Yxy(14.4402, 0.3692, 0.5784)
contains.

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Color

Yxy(14.4527, 0.3590, 0.5531)

Conversions

Conversions Part 1

Format	Color
Hex	4B7600
RGB	75, 118, 0
RGB Percent	29%, 46%, 0%
CMY	0.7059, 0.5373, 0.9997
CMYK	0.36, 0.00, 1.00, 0.54
HSL	82°, 100%, 23%
HSV	82°, 100%, 46%
XYZ	9.3808, 14.4527, 2.2969
YIQ	91.6910, 12.2500, -45.8140

Conversions

Conversions Part 2

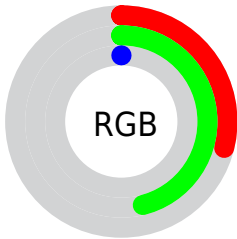
Format	Color
RYB	0, 118, 43
Decimal	4945408
CIELab	44.88, -31.33, 49.70
CIELCh	45, 58.746, 122.226
Yxy	14.4527, 0.3590, 0.5531
Android (android.graphics.Color)	4283135488 (0xFF4B7600)
YUV	91.6910, -45.2037, -14.6380
Hunter-Lab	38.0167, -22.4835, 23.0296

Details

The Yxy color **14.4527, 0.3590, 0.5531** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1.8242, 0.1828, 0.0781**, and the grayscale version is **10.7338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6864, 0.3571, 0.4982**, and **4.4157, 0.3217, 0.5828** is the 20% darker color. If you saturate the color by 10%, you get **14.4523, 0.3590, 0.5532**, and if you desaturate by 10%, it is **14.6588, 0.3613, 0.5407**.

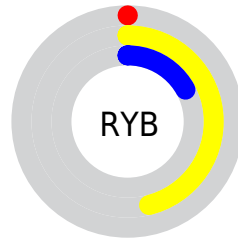
Distribution



Red (29%)

Green (46%)

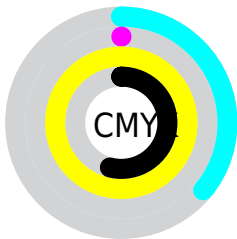
Blue (0%)



Red (0%)

Yellow (46%)

Blue (17%)

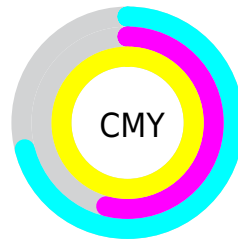


Cyan (36%)

Magenta (0%)

Yellow (100%)

Black (54%)



Cyan (71%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.4527, 0.3590, 0.5531 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 14.4527, 0.3590, 0.5531 by changing the saturation by 10% instead.

14.4527, 0.3590,
0.5531

14.4527, 0.3590,
0.5531

220.0292, 0.3421,
0.4174

8.4362, 0.3552,
0.5935

33.8901, 0.3571,
0.4983

4.3753, 0.3457,
0.6543

48.0799, 0.3547,
0.4792

1.8856, 0.2980,
0.7020

65.7628, 0.3522,
0.4638

0.5397, 0.0000,
1.0000


87.3233, 0.3498,
0.4511


0.0000, 0.0000,
0.0000

113.1458, 0.3476,
0.4405


143.6147, 0.3456,


0.4316

 179.1144, 0.3438,
0.4240


 14.4527, 0.3590,
0.5531

 14.4527, 0.3590,
0.5531

 14.4523, 0.3590,
0.5532

 14.6588, 0.3613,
0.5407

 14.8885, 0.3622,
0.5256

 15.1516, 0.3609,
0.5061

 15.4508, 0.3575,
0.4831

 15.7883, 0.3522,
0.4578

■ 16.1664, 0.3455,
0.4311

■ 16.5869, 0.3379,
0.4042

■ 17.0515, 0.3296,
0.3778

■ 17.5620, 0.3211,
0.3526

Harmonies

Analogous

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



14.4527, 0.4586, 0.4953



14.4527, 0.3590, 0.5531



14.4527, 0.2540, 0.5182

Triad

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



14.4527, 0.3590, 0.5531



14.4527, 0.1283, 0.1879



14.4527, 0.4631, 0.2659

Complementary

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



14.4527, 0.3590, 0.5531



1.8242, 0.1828, 0.0781

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.



14.4527, 0.3393, 0.2076



14.4527, 0.3590, 0.5531



14.4527, 0.1598, 0.1638

Square

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



14.4527, 0.3590, 0.5531



14.4527, 0.1301, 0.2571



14.4527, 0.2292, 0.1719



14.4527, 0.5375, 0.3361

Rectangle

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



14.4527, 0.3590, 0.5531



14.4527, 0.1941, 0.4333



14.4527, 0.2292, 0.1719



14.4527, 0.4240, 0.2446

Sweetspot

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



14.4533, 0.3590, 0.5531



29.1028, 0.3385, 0.4063



5.4614, 0.5765, 0.3804



6.6338, 0.3411, 0.4152



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.4533, 0.3590, 0.5531



25.3362, 0.3576, 0.5543



13.0834, 0.3059, 0.5952



4.2027, 0.3204, 0.3503



15.6279, 0.3588, 0.5533



75.6597, 0.3557, 0.5558

Inverse Universe

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



1.8242, 0.1828, 0.0781



3.1342, 0.1803, 0.0767



4.0365, 0.2847, 0.1343



3.6488, 0.3046, 0.3075



1.9644, 0.1823, 0.0778



9.1250, 0.1772, 0.0750

Previews

White Background



This preview shows how the Yxy color 14.4527, 0.3590, 0.5531 looks on a white background.

Color Contrast Check

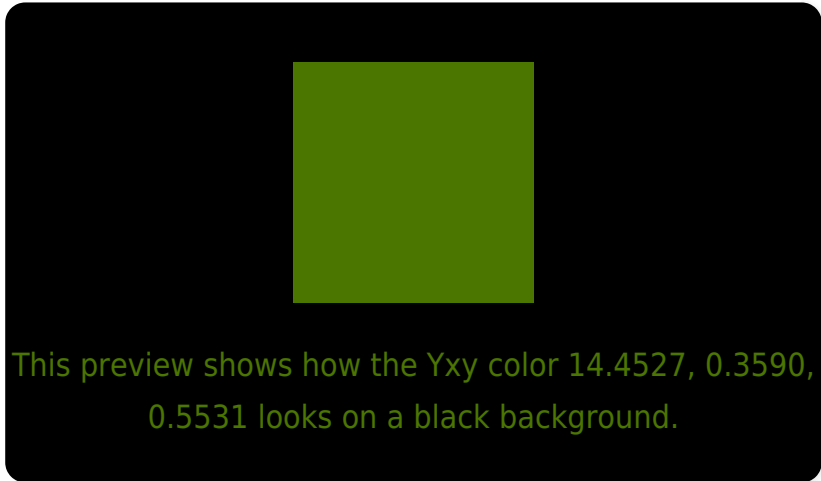
Large Text (above 18pt) WCAG AA ✓ Pass

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

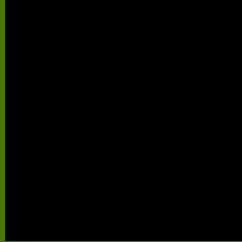
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.4527, 0.3590, 0.5531

Background



This preview shows how black text looks on a background with the Yxy color 14.4527, 0.3590, 0.5531.



This preview shows how white text looks on a background with the Yxy color 14.4527, 0.3590, 0.5531.

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

14.4527, 0.3590, 0.5531

Protanopia

14.3011, 0.4405, 0.4884

Deuteranopia

14.1628, 0.4591, 0.4520



Tritanopia

14.5346, 0.2758, 0.3114

Trichromacy



Original Color

14.4527, 0.3590, 0.5531

Protanomaly

14.0949, 0.4103, 0.5124

Deuteranomaly

13.9946, 0.4214, 0.4904

Tritanomaly

14.1573, 0.3186, 0.4198

Monochromacy



Original Color

14.4527, 0.3590, 0.5531

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

11.6016, 0.3467, 0.4334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4527, 0.3590, 0.5531 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(75, 118, 0)` looks like.

```
.text, #text, p{  
    color:rgb(75, 118, 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(75, 118, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 118, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.4527, 0.3590, 0.5531 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(75, 118, 0) }
```

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

```
.border{ border-color:rgb(75, 118, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 118, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 118, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 118, 0);  
box-shadow:4px 4px 4px 4px rgb(75, 118, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.4527, 0.3590, 0.5531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 118, 0) }
```

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

```
.background{ background-color: rgb(75, 118,  
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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