

Converting Colors

$Y_{xy}(14.1254, 0.3515, 0.5040)$

Have a look what the booklet for
Yxy(14.1254, 0.3515, 0.5040)
contains.

Yxy(14.1507, 0.3518, 0.5041)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.1507, 0.3518, 0.5041)

Conversions

Conversions Part 1

Format	Color
Hex	517326
RGB	81, 115, 38
RGB Percent	32%, 45%, 15%
CMY	0.6823, 0.5490, 0.8509
CMYK	0.30, 0.00, 0.67, 0.55
HSL	86°, 50%, 30%
HSV	86°, 67%, 45%
XYZ	9.8755, 14.1507, 4.0451
YIQ	96.0560, 4.4530, -31.1550

Conversions

Conversions Part 2

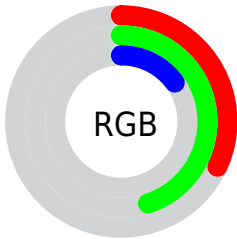
Format	Color
R_{YB}	38, 115, 72
Decimal	5337894
CIE _{Lab}	44.45, -25.49, 37.49
CIE _{LCh}	44, 45.334, 124.219
Yxy	14.1507, 0.3518, 0.5041
Android (android.graphics.Color)	4283527974 (0xFF517326)
YUV	96.0560, -28.6216, -13.2041
Hunter-Lab	37.6174, -18.9700, 19.9566

Details

The Yxy color **14.1507, 0.3518, 0.5041** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4.0015, 0.2382, 0.1476**, and the grayscale version is **11.7831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3121, 0.3471, 0.4586**, and **4.3214, 0.3415, 0.5670** is the 20% darker color. If you saturate the color by 10%, you get **13.8722, 0.3527, 0.5261**, and if you desaturate by 10%, it is **14.4701, 0.3489, 0.4790**.

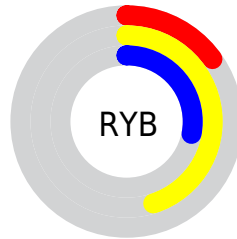
Distribution



Red (32%)

Green (45%)

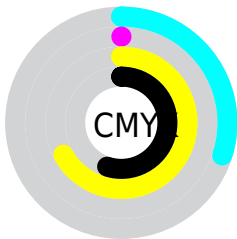
Blue (15%)



Red (15%)

Yellow (45%)

Blue (28%)

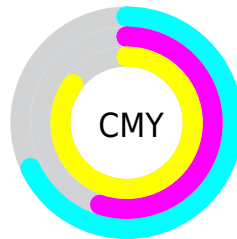


Cyan (30%)

Magenta (0%)

Yellow (67%)

Black (55%)



Cyan (68%)


Magenta (55%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1507, 0.3518, 0.5041 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 14.1507, 0.3518, 0.5041 by changing the saturation by 10% instead.


 14.1507, 0.3518,
0.5041

 14.1507, 0.3518,
0.5041


218.1663, 0.3338,
0.3961


 8.2256, 0.3526,
0.5392

 33.3562, 0.3469,
0.4589


 4.2396, 0.3545,
0.5994

 47.4053, 0.3444,
0.4438


 1.8085, 0.3321,
0.6679

 64.9312, 0.3421,
0.4318

 0.4925, 0.0000,
1.0000

 86.3183, 0.3400,
0.4220

 0.0000, 0.0000,
0.0000

 111.9510, 0.3382,
0.4138

 142.2136, 0.3366,

0.4070

177.4906, 0.3351,
0.4012

■ 14.1507, 0.3518,
0.5041

■ 14.1507, 0.3518,
0.5041

■ 13.8722, 0.3527,
0.5261

■ 14.4701, 0.3489,
0.4790

■ 13.6303, 0.3515,
0.5440

■ 14.8309, 0.3445,
0.4519

■ 13.4199, 0.3485,
0.5580

■ 15.2357, 0.3387,
0.4242

■ 13.3594, 0.3476,
0.5622

■ 15.6865, 0.3321,
0.3967

■ 16.1850, 0.3250,
0.3702

■ 16.7328, 0.3178,
0.3453

■ 17.3316, 0.3105,
0.3221

■ 17.9828, 0.3035,
0.3010

■ 18.6879, 0.2967,
0.2817

Harmonies

Analogous

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



14.1507, 0.4330, 0.4735



14.1507, 0.3518, 0.5041



14.1507, 0.2651, 0.4650

Triad

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



14.1507, 0.3518, 0.5041



14.1507, 0.1602, 0.2134



14.1507, 0.4359, 0.2838

Complementary

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



14.1507, 0.3518, 0.5041



4.0015, 0.2382, 0.1476

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.



14.1507, 0.3419, 0.2325



14.1507, 0.3518, 0.5041



14.1507, 0.1900, 0.1924

Square

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



14.1507, 0.3518, 0.5041



14.1507, 0.1614, 0.2706



14.1507, 0.2518, 0.2002



14.1507, 0.4919, 0.3458

Rectangle

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



14.1507, 0.3518, 0.5041



14.1507, 0.2159, 0.4017



14.1507, 0.2518, 0.2002



14.1507, 0.4067, 0.2651

Sweetspot

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



14.1513, 0.3518, 0.5041



28.6543, 0.3276, 0.3795



8.3384, 0.4625, 0.3977



6.7883, 0.3292, 0.3854



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.



14.1513, 0.3518, 0.5041



24.6107, 0.3523, 0.5359



12.9176, 0.3075, 0.5309



4.1897, 0.3193, 0.3504



15.2604, 0.3472, 0.5625



73.8517, 0.3437, 0.5653

Inverse Universe

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



4.0015, 0.2382, 0.1476



4.9979, 0.2176, 0.1133



5.9308, 0.3095, 0.1799



3.6616, 0.3057, 0.3075



2.1997, 0.1949, 0.0847



10.2287, 0.1896, 0.0818

Previews

White Background



This preview shows how the Yxy color 14.1507, 0.3518, 0.5041 looks on a white background.

Color Contrast Check

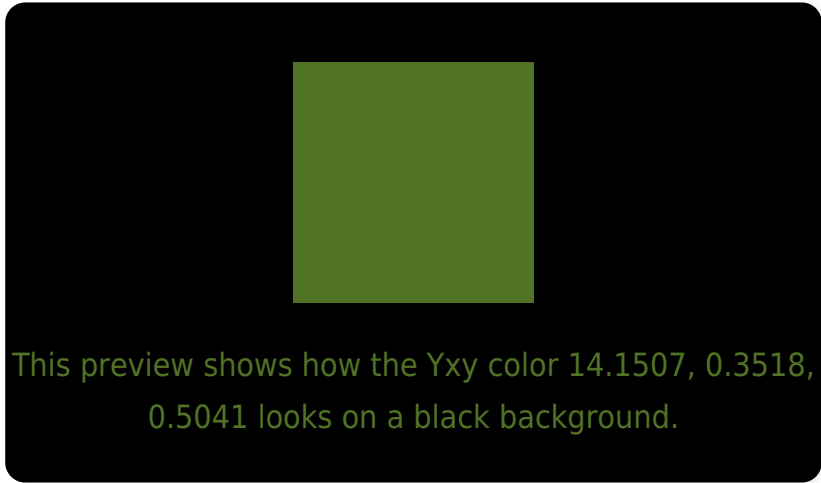
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1507, 0.3518, 0.5041

Background



This preview shows how black text looks on a background with the Yxy color 14.1507, 0.3518, 0.5041.



This preview shows how white text looks on a background with the Yxy color 14.1507, 0.3518, 0.5041.

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

14.1507, 0.3518, 0.5041

Protanopia

14.0064, 0.4185, 0.4619

Deuteranopia

14.0346, 0.4372, 0.4321



Tritanopia

14.2102, 0.2812, 0.3114

Trichromacy



Original Color

14.1507, 0.3518, 0.5041

Protanomaly

14.0077, 0.3927, 0.4786

Deuteranomaly

13.7080, 0.4052, 0.4578

Tritanomaly

14.0997, 0.3089, 0.3828

Monochromacy



Original Color

14.1507, 0.3518, 0.5041

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

12.4326, 0.3326, 0.3963

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1507, 0.3518, 0.5041 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(81, 115, 38)` looks like.

```
.text, #text, p{  
    color:rgb(81, 115, 38)  
}
```

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(81, 115, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 115, 38) }
```

Border

The CSS property to change the border of an element to Yxy 14.1507, 0.3518, 0.5041 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(81, 115, 38) }
```

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

```
.border{ border-color:rgb(81, 115, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 115, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 115, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 115, 38);  
box-shadow:4px 4px 4px 4px rgb(81, 115,  
38) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1507, 0.3518, 0.5041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 115, 38) }
```

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

```
.background{ background-color: rgb(81, 115,  
38) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor