

Converting Colors

$Y_{xy}(14.5124, 0.4615, 0.4532)$

Have a look what the booklet for
Yxy(14.5124, 0.4615, 0.4532)
contains.

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Color

Yxy(14.5124, 0.4615, 0.4532)

Conversions

Conversions Part 1

Format	Color
Hex	876515
RGB	135, 101, 21
RGB Percent	53%, 40%, 8%
CMY	0.4707, 0.6039, 0.9177
CMYK	0.00, 0.25, 0.84, 0.47
HSL	42°, 73%, 31%
HSV	42°, 84%, 53%
XYZ	14.7782, 14.5124, 2.7315
YIQ	102.0460, 45.9440, -17.6720

Conversions

Conversions Part 2

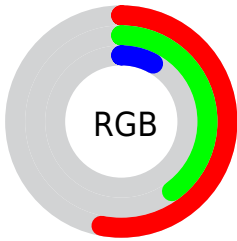
Format	Color
R_{YB}	69, 135, 21
Decimal	8873237
CIE _{Lab}	44.96, 6.11, 46.55
CIE _{LCh}	45, 46.953, 82.525
Yxy	14.5124, 0.4615, 0.4532
Android (android.graphics.Color)	4287063317 (0xFF876515)
YUV	102.0460, -39.9557, 28.9007
Hunter-Lab	38.0951, 2.5787, 22.4154

Details

The Yxy color **14.5124, 0.4615, 0.4532** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.6370, 0.1769, 0.1357**, and the grayscale version is **13.3973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1308, 0.4311, 0.4310**, and **4.4817, 0.4829, 0.4547** is the 20% darker color. If you saturate the color by 10%, you get **13.7132, 0.4748, 0.4552**, and if you desaturate by 10%, it is **15.3778, 0.4455, 0.4467**.

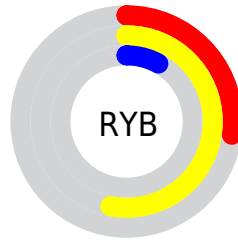
Distribution



Red (53%)

Green (40%)

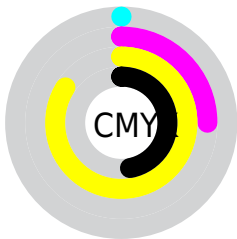
Blue (8%)



Red (27%)

Yellow (53%)

Blue (8%)

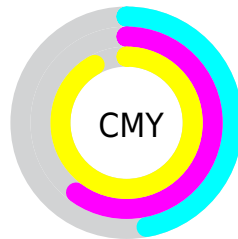


Cyan (0%)

Magenta (25%)

Yellow (84%)

Black (47%)



Cyan (47%)


Magenta (60%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5124, 0.4615, 0.4532 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 14.5124, 0.4615, 0.4532 by changing the saturation by 10% instead.


 14.5124, 0.4615,
0.4532


 14.5124, 0.4615,
0.4532


220.3956, 0.3788,
0.3875


 8.4779, 0.4811,
0.4662


 33.9955, 0.4309,
0.4304


 4.4022, 0.5128,
0.4872

 48.2129, 0.4194,
0.4212


 1.9010, 0.5209,
0.4791

 65.9266, 0.4097,
0.4134

 0.5490, 0.5500,
0.4500

 87.5212, 0.4015,
0.4067


 0.0000, 0.0000,
0.0000


 113.3810, 0.3946,
0.4009


 143.8904, 0.3886,

0.3958


 179.4338, 0.3834,
0.3914


 14.5124, 0.4615,
0.4532


 14.5124, 0.4615,
0.4532


 13.7132, 0.4748,
0.4552


 15.3778, 0.4455,
0.4467

 13.2896, 0.4819,
0.4556

 16.3120, 0.4276,
0.4360

 17.3194, 0.4085,
0.4222

 18.4034, 0.3891,
0.4061

 19.5668, 0.3701,
0.3888

■ 20.8126, 0.3519,
0.3710

■ 22.1432, 0.3349,
0.3534

■ 23.5611, 0.3192,
0.3363

■ 25.0687, 0.3050,
0.3201

Harmonies

Analogous

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



14.5124, 0.5005, 0.3864



14.5124, 0.4615, 0.4532



14.5124, 0.3863, 0.5028

Triad

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



14.5124, 0.4615, 0.4532



14.5124, 0.1675, 0.3028



14.5124, 0.3040, 0.2148

Complementary

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



14.5124, 0.4615, 0.4532



4.6370, 0.1769, 0.1357

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.



14.5124, 0.2217, 0.1912



14.5124, 0.4615, 0.4532



14.5124, 0.1537, 0.2284

Square

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



14.5124, 0.4615, 0.4532



14.5124, 0.2171, 0.4100



14.5124, 0.1718, 0.1939



14.5124, 0.4037, 0.2604

Rectangle

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



14.5124, 0.4615, 0.4532



14.5124, 0.3272, 0.5064



14.5124, 0.1718, 0.1939



14.5124, 0.2733, 0.2043

Sweetspot

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



14.5131, 0.4615, 0.4532



37.0275, 0.3538, 0.3730



5.9631, 0.5183, 0.2823



8.4145, 0.3593, 0.3785



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



14.5131, 0.4615, 0.4532



23.5190, 0.4836, 0.4542



20.8329, 0.3852, 0.5176



5.1949, 0.3264, 0.3442



12.2826, 0.4816, 0.4558



0.0553, 0.4479, 0.4825

Inverse Universe

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



4.6370, 0.1769, 0.1357



5.6274, 0.1611, 0.0998



2.8158, 0.1792, 0.0890



4.7542, 0.2992, 0.3133



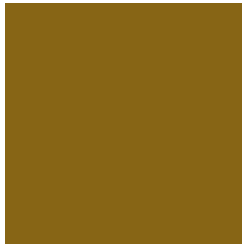
3.0480, 0.1623, 0.1041



0.0221, 0.1842, 0.1831

Previews

White Background



This preview shows how the Yxy color 14.5124, 0.4615, 0.4532 looks on a white background.

Color Contrast Check

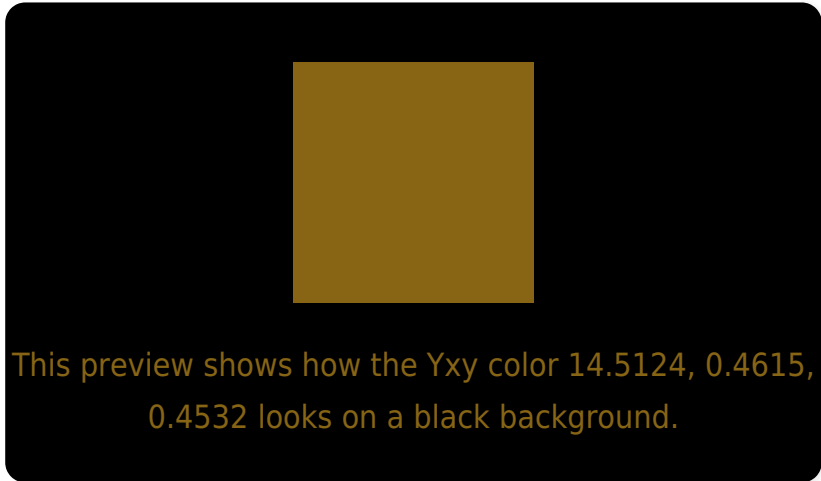
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5124, 0.4615, 0.4532

Background



This preview shows how black text looks on a background with the Yxy color 14.5124, 0.4615, 0.4532.



This preview shows how white text looks on a background with the Yxy color 14.5124, 0.4615, 0.4532.

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

14.5124, 0.4615, 0.4532

Protanopia

14.5703, 0.4292, 0.4753

Deuteranopia

14.5124, 0.4615, 0.4532



Tritanopia

14.5204, 0.3740, 0.3164

Trichromacy



Original Color

14.5124, 0.4615, 0.4532

Protanomaly

14.5211, 0.4402, 0.4682

Deuteranomaly

14.5124, 0.4615, 0.4532

Tritanomaly

14.4205, 0.4145, 0.3753

Monochromacy



Original Color

14.5124, 0.4615, 0.4532

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.5612, 0.3716, 0.3909

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5124, 0.4615, 0.4532 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(135, 101, 21)` looks like.

```
.text, #text, p{  
    color:rgb(135, 101, 21)  
}
```

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(135, 101, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 101, 21) }
```

Border

The CSS property to change the border of an element to Yxy 14.5124, 0.4615, 0.4532 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(135, 101, 21) }
```

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

```
.border{ border-color:rgb(135, 101, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 101, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 101, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 101, 21);  
box-shadow:4px 4px 4px 4px rgb(135, 101,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5124, 0.4615, 0.4532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 101, 21) }
```

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

```
.background{ background-color: rgb(135,  
101, 21) }
```

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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