

Converting Colors

$Y_{xy}(10.5159, 0.5004, 0.4266)$

Have a look what the booklet for
Yxy(10.5159, 0.5004, 0.4266)
contains.

Yxy(10.5292, 0.5014, 0.4260)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(10.5292, 0.5014, 0.4260)

Conversions

Conversions Part 1

Format	Color
Hex	844F0E
RGB	132, 79, 14
RGB Percent	52%, 31%, 5%
CMY	0.4823, 0.6902, 0.9451
CMYK	0.00, 0.40, 0.89, 0.48
HSL	33°, 81%, 29%
HSV	33°, 89%, 52%
XYZ	12.3928, 10.5292, 1.7944
YIQ	87.4370, 52.4530, -8.9790

Conversions

Conversions Part 2

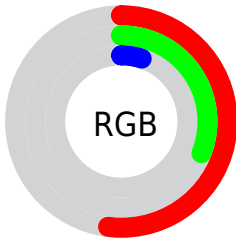
Format	Color
R_{YB}	110, 132, 14
Decimal	8670990
CIE _{Lab}	38.78, 17.44, 43.55
CIE _{LCh}	39, 46.907, 68.177
Yxy	10.5292, 0.5014, 0.4260
Android (android.graphics.Color)	4286861070 (0xFF844F0E)
YUV	87.4370, -36.2044, 39.0818
Hunter-Lab	32.4487, 11.3874, 19.4354

Details

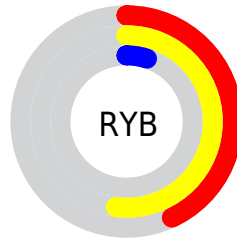
The Yxy color **10.5292, 0.5014, 0.4260** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5.7761, 0.1829, 0.1662**, and the grayscale version is **9.7018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.7557, 0.4592, 0.4111**, and **2.7218, 0.5431, 0.4070** is the 20% darker color. If you saturate the color by 10%, you get **9.6821, 0.5211, 0.4236**, and if you desaturate by 10%, it is **11.4722, 0.4798, 0.4247**.

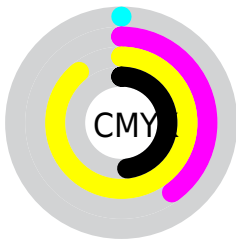
Distribution



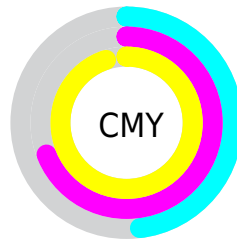
- Red (52%)
- Green (31%)
- Blue (5%)



- Red (43%)
- Yellow (52%)
- Blue (5%)



- Cyan (0%)
- Magenta (40%)
- Yellow (89%)
- Black (48%)





- Cyan (48%)
- Magenta (69%)
- Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5292, 0.5014, 0.4260 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 10.5292, 0.5014, 0.4260 by changing the saturation by 10% instead.


 10.5292, 0.5014,
0.4260


 10.5292, 0.5014,
0.4260


194.4085, 0.3903,
0.3781

 5.7512, 0.5343,
0.4337

 26.7862, 0.4582,
0.4116


 2.6944, 0.5694,
0.4306

 39.0341, 0.4426,
0.4049


 0.9744, 0.5994,
0.4006

 54.5406, 0.4297,
0.3989

 0.0000, 1.0000,
0.0000

 73.6904, 0.4191,
0.3936


 0.0000, 0.0000,
0.0000


 96.8676, 0.4101,
0.3889


 124.4568, 0.4025,

0.3849


 156.8423, 0.3960,
0.3813


 10.5292, 0.5014,
0.4260

 10.5292, 0.5014,
0.4260

 9.6821, 0.5211,
0.4236

 11.4722, 0.4798,
0.4247

 9.6335, 0.5223,
0.4235

 12.5205, 0.4561,
0.4188

 13.6796, 0.4316,
0.4092

 14.9543, 0.4075,
0.3971

 16.3487, 0.3847,
0.3835

■ 17.8667, 0.3635,
0.3693

■ 19.5122, 0.3443,
0.3551

■ 21.2884, 0.3271,
0.3413

■ 23.1989, 0.3118,
0.3282

Harmonies

Analogous

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



10.5292, 0.5188, 0.3532



10.5292, 0.5014, 0.4260



10.5292, 0.4328, 0.4962

Triad

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



10.5292, 0.5014, 0.4260



10.5292, 0.1742, 0.3535



10.5292, 0.2552, 0.1897

Complementary

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



10.5292, 0.5014, 0.4260



5.7761, 0.1829, 0.1662

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.



10.5292, 0.1830, 0.1771



10.5292, 0.5014, 0.4260



10.5292, 0.1427, 0.2499

Square

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



10.5292, 0.5014, 0.4260



10.5292, 0.2448, 0.4749



10.5292, 0.1466, 0.1941



10.5292, 0.3598, 0.2278

Rectangle

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



10.5292, 0.5014, 0.4260



10.5292, 0.3721, 0.5261



10.5292, 0.1466, 0.1941



10.5292, 0.2270, 0.1825

Sweetspot

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



10.5297, 0.5014, 0.4260



31.9676, 0.3599, 0.3667



5.6273, 0.4823, 0.2538



7.2562, 0.3657, 0.3708



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



10.5297, 0.5014, 0.4260



16.6634, 0.5251, 0.4212



20.9829, 0.4084, 0.5055



5.0822, 0.3267, 0.3410



9.3361, 0.5221, 0.4236



0.0469, 0.4684, 0.4663

Inverse Universe

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



5.7761, 0.1829, 0.1662



8.2081, 0.1729, 0.1423



2.1280, 0.1604, 0.0740



4.8635, 0.2992, 0.3167



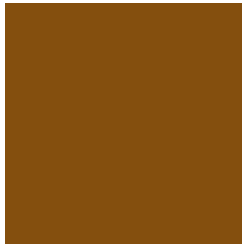
4.6823, 0.1740, 0.1463



0.0305, 0.1962, 0.2263

Previews

White Background



This preview shows how the Yxy color 10.5292, 0.5014, 0.4260 looks on a white background.

Color Contrast Check

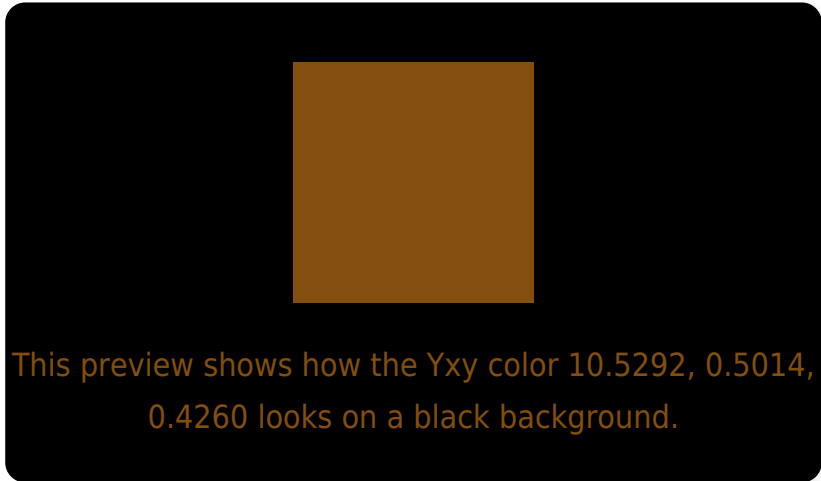
Large Text (above 18pt) WCAG AA ✓ Pass

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

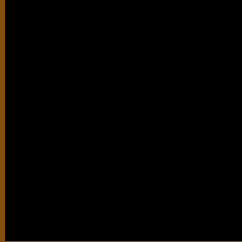
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.5292, 0.5014, 0.4260

Background



This preview shows how black text looks on a background with the Yxy color 10.5292, 0.5014, 0.4260.



This preview shows how white text looks on a background with the Yxy color 10.5292, 0.5014, 0.4260.

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

10.5292, 0.5014, 0.4260

Protanopia

10.5815, 0.4288, 0.4761

Deuteranopia

10.5382, 0.4672, 0.4630



Tritanopia

10.6130, 0.4175, 0.3199

Trichromacy



Original Color

10.5292, 0.5014, 0.4260

Protanomaly

10.4343, 0.4567, 0.4561

Deuteranomaly

10.4958, 0.4804, 0.4486

Tritanomaly

10.5131, 0.4587, 0.3680

Monochromacy



Original Color

10.5292, 0.5014, 0.4260

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.5505, 0.3872, 0.3860

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5292, 0.5014, 0.4260 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(132, 79, 14)` looks like.

```
.text, #text, p{  
    color:rgb(132, 79, 14)  
}
```

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(132, 79, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 79, 14) }
```

Border

The CSS property to change the border of an element to Yxy 10.5292, 0.5014, 0.4260 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(132, 79, 14) }
```

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

```
.border{ border-color:rgb(132, 79, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 79, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 79, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 79, 14);  
box-shadow:4px 4px 4px 4px rgb(132, 79,  
14) }
```


Background

The CSS property to change the background color of an element to Yxy 10.5292, 0.5014, 0.4260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 79, 14) }
```

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

```
.background{ background-color: rgb(132, 79,  
14) }
```

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