

Converting Colors

$Y_{xy}(14.4786, 0.4507, 0.4543)$

Have a look what the booklet for
Yxy(14.4786, 0.4507, 0.4543)
contains.

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Color

Yxy(14.4026, 0.4510, 0.4543)

Conversions

Conversions Part 1

Format	Color
Hex	83661A
RGB	131, 102, 26
RGB Percent	51%, 40%, 10%
CMY	0.4863, 0.6000, 0.8981
CMYK	0.00, 0.22, 0.80, 0.49
HSL	43°, 67%, 31%
HSV	43°, 80%, 51%
XYZ	14.2980, 14.4026, 3.0023
YIQ	102.0070, 41.6800, -17.4880

Conversions

Conversions Part 2

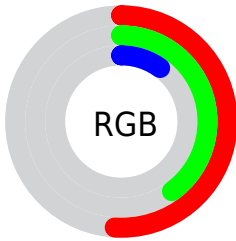
Format	Color
RYB	66, 131, 26
Decimal	8611354
CIELab	44.80, 3.83, 44.41
CIElCh	45, 44.579, 85.073
Yxy	14.4026, 0.4510, 0.4543
Android (android.graphics.Color)	4286801434 (0xFF83661A)
YUV	102.0070, -37.4715, 25.4269
Hunter-Lab	37.9508, 0.8362, 21.8751

Details

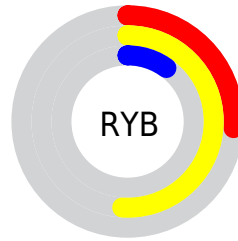
The Yxy color **14.4026, 0.4510, 0.4543** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4.5883, 0.1810, 0.1411**, and the grayscale version is **13.3805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8691, 0.4218, 0.4304**, and **4.4480, 0.4735, 0.4623** is the 20% darker color. If you saturate the color by 10%, you get **13.6620, 0.4646, 0.4587**, and if you desaturate by 10%, it is **15.2025, 0.4350, 0.4455**.

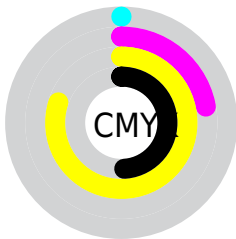
Distribution



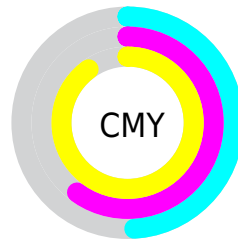
- Red (51%)
- Green (40%)
- Blue (10%)



- Red (26%)
- Yellow (51%)
- Blue (10%)



- Cyan (0%)
- Magenta (22%)
- Yellow (80%)
- Black (49%)





- Cyan (49%)
- Magenta (60%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4026, 0.4510, 0.4543 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 14.4026, 0.4510, 0.4543 by changing the saturation by 10% instead.


 14.4026, 0.4510,
0.4543


 14.4026, 0.4510,
0.4543


 219.7212, 0.3738,
0.3864


 8.4012, 0.4697,
0.4691


 33.8017, 0.4222,
0.4299


 4.3527, 0.5035,
0.4965

 47.9682, 0.4114,
0.4204


 1.8728, 0.5086,
0.4914

 65.6252, 0.4024,
0.4124

 0.5319, 0.5297,
0.4703

 87.1570, 0.3948,
0.4055

 0.0000, 0.0000,
0.0000

 112.9482, 0.3883,
0.3997

 143.3830, 0.3828,

0.3947

178.8459, 0.3780,
0.3902

14.4026, 0.4510,
0.4543

14.4026, 0.4510,
0.4543

13.6620, 0.4646,
0.4587

15.2025, 0.4350,
0.4455

12.9793, 0.4763,
0.4600

16.0631, 0.4172,
0.4330

16.9883, 0.3986,
0.4177

17.9809, 0.3799,
0.4006

19.0435, 0.3616,
0.3826

■ 20.1786, 0.3442,
0.3644

■ 21.3884, 0.3279,
0.3465

■ 22.6750, 0.3130,
0.3293

■ 24.0404, 0.2993,
0.3130

Harmonies

Analogous

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



14.4026, 0.4912, 0.3911



14.4026, 0.4510, 0.4543



14.4026, 0.3773, 0.4969

Triad

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



14.4026, 0.4510, 0.4543



14.4026, 0.1710, 0.2972



14.4026, 0.3125, 0.2222

Complementary

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



14.4026, 0.4510, 0.4543



4.5883, 0.1810, 0.1411

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.



14.4026, 0.2312, 0.1974



14.4026, 0.4510, 0.4543



14.4026, 0.1600, 0.2288

Square

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



14.4026, 0.4510, 0.4543



14.4026, 0.2162, 0.3971



14.4026, 0.1800, 0.1980



14.4026, 0.4073, 0.2679

Rectangle

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



14.4026, 0.4510, 0.4543



14.4026, 0.3202, 0.4951



14.4026, 0.1800, 0.1980



14.4026, 0.2826, 0.2114

Sweetspot

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



14.4033, 0.4510, 0.4543



35.2269, 0.3517, 0.3723



5.8463, 0.5074, 0.2842



8.0567, 0.3571, 0.3780



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.



14.4033, 0.4510, 0.4543



23.4660, 0.4735, 0.4590



19.5114, 0.3820, 0.5134



5.2114, 0.3263, 0.3447



12.7802, 0.4762, 0.4601



0.0565, 0.4454, 0.4846

Inverse Universe

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



4.5883, 0.1810, 0.1411



5.4456, 0.1629, 0.1025



3.0230, 0.1875, 0.0991



4.7385, 0.2992, 0.3128



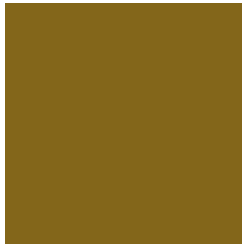
2.8693, 0.1609, 0.0990



0.0209, 0.1822, 0.1760

Previews

White Background



This preview shows how the Yxy color 14.4026, 0.4510, 0.4543 looks on a white background.

Color Contrast Check

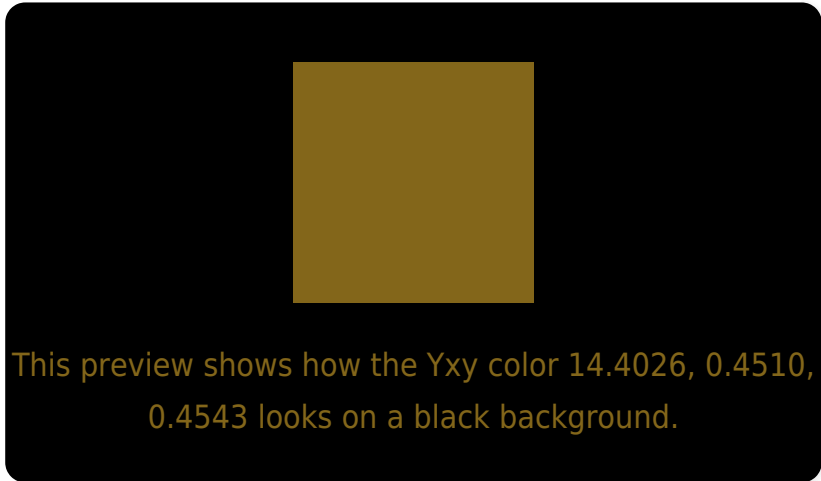
Large Text (above 18pt) WCAG AA ✓ Pass

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

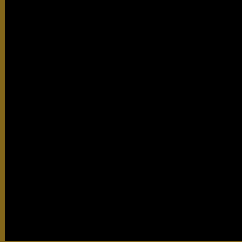
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4026, 0.4510, 0.4543

Background



This preview shows how black text looks on a background with the Yxy color 14.4026, 0.4510, 0.4543.



This preview shows how white text looks on a background with the Yxy color 14.4026, 0.4510, 0.4543.

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

14.4026, 0.4510, 0.4543

Protanopia

14.5165, 0.4251, 0.4724

Deuteranopia

14.4548, 0.4561, 0.4490



Tritanopia

14.3780, 0.3659, 0.3161

Trichromacy



Original Color

14.4026, 0.4510, 0.4543

Protanomaly

14.3932, 0.4340, 0.4655

Deuteranomaly

14.3730, 0.4547, 0.4500

Tritanomaly

14.2981, 0.4045, 0.3747

Monochromacy



Original Color

14.4026, 0.4510, 0.4543

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.5079, 0.3686, 0.3891

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4026, 0.4510, 0.4543 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(131, 102, 26)` looks like.

```
.text, #text, p{  
    color:rgb(131, 102, 26)  
}
```

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(131, 102, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 102, 26) }
```

Border

The CSS property to change the border of an element to Yxy 14.4026, 0.4510, 0.4543 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(131, 102, 26) }
```

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

```
.border{ border-color:rgb(131, 102, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 102, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 102, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 102, 26);  
box-shadow:4px 4px 4px 4px rgb(131, 102,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4026, 0.4510, 0.4543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 102, 26) }
```

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

```
.background{ background-color: rgb(131,  
102, 26) }
```

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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