

Converting Colors

$Y_{xy}(10.4265, 0.4811, 0.4426)$

Have a look what the booklet for
Yxy(10.4265, 0.4811, 0.4426)
contains.

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Color

Yxy(10.4265, 0.4811, 0.4426)

Conversions

Conversions Part 1

Format	Color
Hex	7B530D
RGB	123, 83, 13
RGB Percent	48%, 33%, 5%
CMY	0.5177, 0.6745, 0.9488
CMYK	0.00, 0.33, 0.89, 0.52
HSL	38°, 81%, 27%
HSV	38°, 89%, 48%
XYZ	11.3335, 10.4265, 1.7974
YIQ	86.9800, 46.3100, -13.2900

Conversions

Conversions Part 2

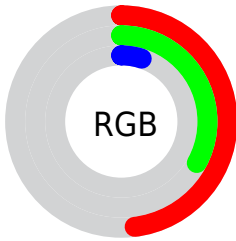
Format	Color
RYB	76, 123, 13
Decimal	8082189
CIELab	38.60, 10.77, 43.21
CIElCh	39, 44.530, 76.008
Yxy	10.4265, 0.4811, 0.4426
Android (android.graphics.Color)	4286272269 (0xFF7B530D)
YUV	86.9800, -36.4721, 31.5895
Hunter-Lab	32.2901, 6.1438, 19.3027

Details

The Yxy color **10.4265, 0.4811, 0.4426** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4.0646, 0.1770, 0.1434**, and the grayscale version is **9.6003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.4564, 0.4427, 0.4218**, and **2.6514, 0.5122, 0.4315** is the 20% darker color. If you saturate the color by 10%, you get **9.7369, 0.4971, 0.4427**, and if you desaturate by 10%, it is **11.1763, 0.4635, 0.4392**.

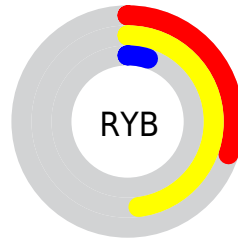
Distribution



Red (48%)

Green (33%)

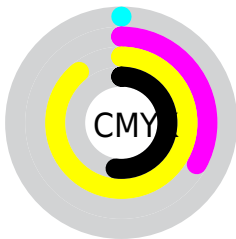
Blue (5%)



Red (30%)

Yellow (48%)

Blue (5%)

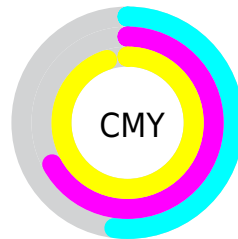


Cyan (0%)

Magenta (33%)

Yellow (89%)

Black (52%)



Cyan (52%)


Magenta (67%)

Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.4265, 0.4811, 0.4426 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 10.4265, 0.4811, 0.4426 by changing the saturation by 10% instead.


 10.4265, 0.4811,
0.4426

 10.4265, 0.4811,
0.4426


193.6896, 0.3825,
0.3823


 5.6826, 0.5101,
0.4557

 26.5947, 0.4431,
0.4223


 2.6531, 0.5395,
0.4605

 38.7878, 0.4292,
0.4138


 0.9534, 0.5596,
0.4404

 54.2328, 0.4178,
0.4065

 0.0000, 1.0000,
0.0000

 73.3140, 0.4083,
0.4002


 0.0000, 0.0000,
0.0000


 96.4159, 0.4003,
0.3947


 123.9229, 0.3935,


0.3900


 156.2193, 0.3876,
0.3859


 10.4265, 0.4811,
0.4426


 10.4265, 0.4811,
0.4426


 9.7369, 0.4971,
0.4427

 11.1763, 0.4635,
0.4392

 9.6964, 0.4981,
0.4427

 11.9940, 0.4437,
0.4315

 12.8836, 0.4228,
0.4202

 13.8483, 0.4016,
0.4064

 14.8908, 0.3810,
0.3910

■ 16.0139, 0.3615,
0.3749

■ 17.2199, 0.3434,
0.3588

■ 18.5111, 0.3268,
0.3431

■ 19.8898, 0.3119,
0.3281

Harmonies

Analogous

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



10.4265, 0.5119, 0.3719



10.4265, 0.4811, 0.4426



10.4265, 0.4075, 0.5036

Triad

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



10.4265, 0.4811, 0.4426



10.4265, 0.1682, 0.3233



10.4265, 0.2818, 0.2021

Complementary

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



10.4265, 0.4811, 0.4426



4.0646, 0.1770, 0.1434

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.



10.4265, 0.2028, 0.1832



10.4265, 0.4811, 0.4426



10.4265, 0.1467, 0.2356

Square

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



10.4265, 0.4811, 0.4426



10.4265, 0.2275, 0.4399



10.4265, 0.1586, 0.1920



10.4265, 0.3860, 0.2449

Rectangle

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



10.4265, 0.4811, 0.4426



10.4265, 0.3469, 0.5199



10.4265, 0.1586, 0.1920



10.4265, 0.2517, 0.1930

Sweetspot

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



10.4270, 0.4811, 0.4426



29.0444, 0.3582, 0.3721



4.7596, 0.5098, 0.2707



6.7047, 0.3634, 0.3766



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



10.4270, 0.4811, 0.4426



17.0882, 0.5005, 0.4408



17.4015, 0.3956, 0.5146



4.4004, 0.3263, 0.3426



10.0220, 0.4983, 0.4426



46.1446, 0.5035, 0.4384

Inverse Universe

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



4.0646, 0.1770, 0.1434



5.6298, 0.1661, 0.1178



1.9616, 0.1673, 0.0783



4.1101, 0.2994, 0.3150



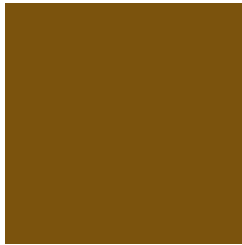
3.3899, 0.1672, 0.1218



14.6778, 0.1646, 0.1126

Previews

White Background



This preview shows how the Yxy color 10.4265, 0.4811, 0.4426 looks on a white background.

Color Contrast Check

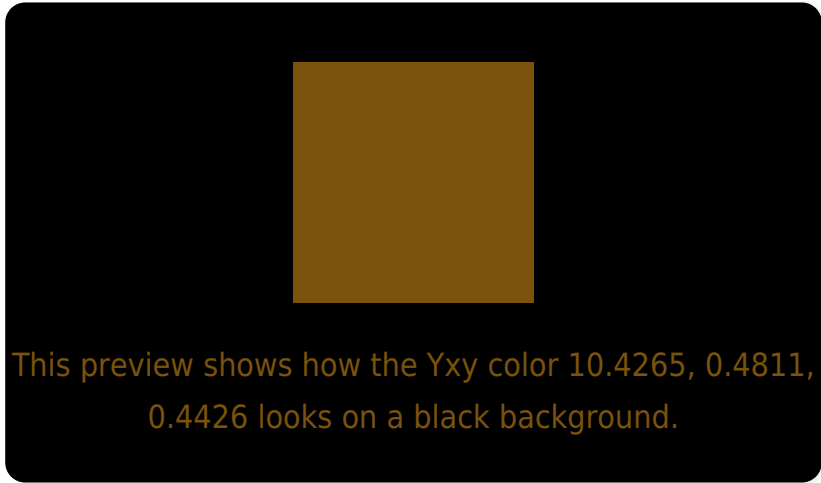
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.4265, 0.4811, 0.4426

Background



This preview shows how black text looks on a background with the Yxy color 10.4265, 0.4811, 0.4426.



This preview shows how white text looks on a background with the Yxy color 10.4265, 0.4811, 0.4426.

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

10.4265, 0.4811, 0.4426

Protanopia

10.5753, 0.4301, 0.4781

Deuteranopia

10.4810, 0.4631, 0.4610



Tritanopia

10.3679, 0.3921, 0.3171

Trichromacy



Original Color

10.4265, 0.4811, 0.4426

Protanomaly

10.4942, 0.4478, 0.4658

Deuteranomaly

10.5290, 0.4692, 0.4552

Tritanomaly

10.2574, 0.4350, 0.3713

Monochromacy



Original Color

10.4265, 0.4811, 0.4426

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.6911, 0.3799, 0.3917

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.4265, 0.4811, 0.4426 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(123, 83, 13)` looks like.

```
.text, #text, p{  
    color:rgb(123, 83, 13)  
}
```

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(123, 83, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 83, 13) }
```

Border

The CSS property to change the border of an element to Yxy 10.4265, 0.4811, 0.4426 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(123, 83, 13) }
```

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

```
.border{ border-color:rgb(123, 83, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 83, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 83, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 83, 13);  
box-shadow:4px 4px 4px 4px rgb(123, 83,  
13) }
```


Background

The CSS property to change the background color of an element to Yxy 10.4265, 0.4811, 0.4426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 83, 13) }
```

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

```
.background{ background-color: rgb(123, 83,  
13) }
```

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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