

Converting Colors

$Y_{xy}(10.5485, 0.5288, 0.4183)$

Have a look what the booklet for
Yxy(10.5485, 0.5288, 0.4183)
contains.

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Color

Yxy(10.4730, 0.5293, 0.4179)

Conversions

Conversions Part 1

Format	Color
Hex	8C4A00
RGB	140, 74, 0
RGB Percent	55%, 29%, 0%
CMY	0.4510, 0.7098, 0.9999
CMYK	0.00, 0.47, 1.00, 0.45
HSL	32°, 100%, 27%
HSV	32°, 100%, 55%
XYZ	13.2648, 10.4730, 1.3232
YIQ	85.2980, 63.0900, -9.0220

Conversions

Conversions Part 2

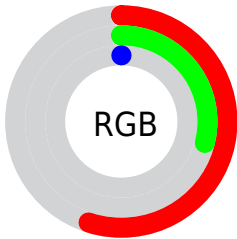
Format	Color
R_{YB}	125, 140, 0
Decimal	9193984
CIE Lab	38.68, 23.67, 48.29
CIE LCh	39, 53.780, 63.888
Yxy	10.4730, 0.5293, 0.4179
Android (android.graphics.Color)	4287384064 (0xFF8C4A00)
YUV	85.2980, -42.0519, 47.9737
Hunter-Lab	32.3620, 16.5315, 20.2292

Details

The Yxy color **10.4730, 0.5293, 0.4179** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.7946, 0.1756, 0.1523**, and the grayscale version is **9.2314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.5839, 0.4819, 0.4090**, and **2.6695, 0.5724, 0.3837** is the 20% darker color. If you saturate the color by 10%, you get **10.4714, 0.5293, 0.4179**, and if you desaturate by 10%, it is **11.4336, 0.5088, 0.4213**.

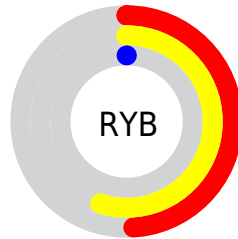
Distribution



Red (55%)

Green (29%)

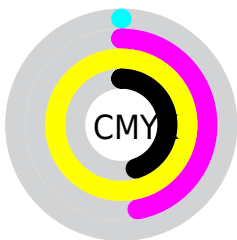
Blue (0%)



Red (49%)

Yellow (55%)

Blue (0%)

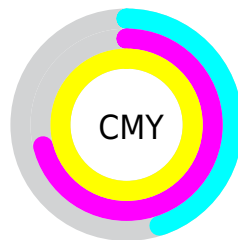


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (45%)



Cyan (45%)


Magenta (71%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.4730, 0.5293, 0.4179 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 10.4730, 0.5293, 0.4179 by changing the saturation by 10% instead.


 10.4730, 0.5293,
0.4179


 10.4730, 0.5293,
0.4179


 194.0154, 0.4035,
0.3797


 5.7137, 0.5703,
0.4237

 26.6814, 0.4816,
0.4096


 2.6718, 0.5963,
0.4037

 38.8994, 0.4639,
0.4042


 0.9629, 0.6346,
0.3654

 54.3723, 0.4492,
0.3991

 0.0000, 1.0000,
0.0000

 73.4846, 0.4369,
0.3943


 0.0000, 0.0000,
0.0000


 96.6206, 0.4266,
0.3901

 124.1649, 0.4178,


0.3862

 156.5017, 0.4102,
0.3828


 10.4730, 0.5293,
0.4179


 10.4730, 0.5293,
0.4179


 10.4714, 0.5293,
0.4179

 11.4336, 0.5088,
0.4213

 12.5094, 0.4863,
0.4210

 13.7143, 0.4616,
0.4159

 15.0546, 0.4361,
0.4071

 16.5361, 0.4110,
0.3956

■ 18.1639, 0.3873,
0.3825

■ 19.9430, 0.3655,
0.3688

■ 21.8779, 0.3458,
0.3550

■ 23.9731, 0.3282,
0.3417

Harmonies

Analogous

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



10.4730, 0.5431, 0.3396



10.4730, 0.5293, 0.4179



10.4730, 0.4549, 0.5015

Triad

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



10.4730, 0.5293, 0.4179



10.4730, 0.1647, 0.3762



10.4730, 0.2329, 0.1711

Complementary

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



10.4730, 0.5293, 0.4179



5.7946, 0.1756, 0.1523

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.



10.4730, 0.1605, 0.1612



10.4730, 0.5293, 0.4179



10.4730, 0.1266, 0.2500

Square

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



10.4730, 0.5293, 0.4179



10.4730, 0.2469, 0.5168



10.4730, 0.1268, 0.1832



10.4730, 0.3468, 0.2086

Rectangle

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



10.4730, 0.5293, 0.4179



10.4730, 0.3883, 0.5465



10.4730, 0.1268, 0.1832



10.4730, 0.2040, 0.1646

Sweetspot

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



10.4736, 0.5293, 0.4179



34.9438, 0.3668, 0.3697



5.9901, 0.4981, 0.2518



7.7769, 0.3748, 0.3748



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



10.4736, 0.5293, 0.4179



18.1364, 0.5322, 0.4156



24.1330, 0.4165, 0.5075



5.4574, 0.3268, 0.3406



9.3434, 0.5287, 0.4184



0.0914, 0.4720, 0.4635

Inverse Universe

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



5.7946, 0.1756, 0.1523



9.8945, 0.1746, 0.1487



1.9096, 0.1507, 0.0604



5.2558, 0.2991, 0.3172



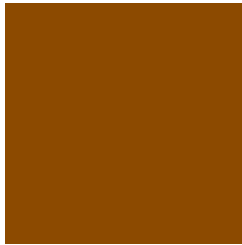
5.1854, 0.1759, 0.1531



0.0634, 0.1978, 0.2319

Previews

White Background



This preview shows how the Yxy color 10.4730, 0.5293, 0.4179 looks on a white background.

Color Contrast Check

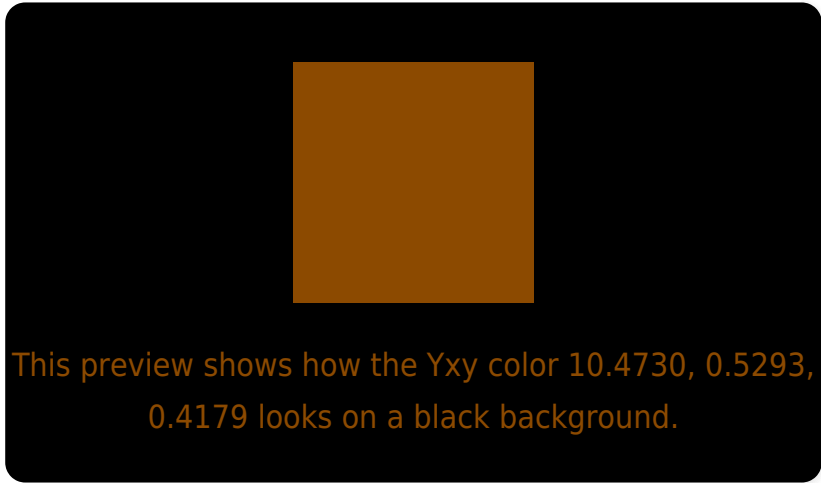
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.4730, 0.5293, 0.4179

Background



This preview shows how black text looks on a background with the Yxy color 10.4730, 0.5293, 0.4179.



This preview shows how white text looks on a background with the Yxy color 10.4730, 0.5293, 0.4179.

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

10.4730, 0.5293, 0.4179

Protanopia

10.6239, 0.4341, 0.4803

Deuteranopia

10.5294, 0.4692, 0.4656



Tritanopia

10.5014, 0.4432, 0.3205

Trichromacy



Original Color

10.4730, 0.5293, 0.4179

Protanomaly

10.2964, 0.4707, 0.4560

Deuteranomaly

10.3946, 0.4931, 0.4467

Tritanomaly

10.3744, 0.4895, 0.3693

Monochromacy



Original Color

10.4730, 0.5293, 0.4179

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.1545, 0.4041, 0.3921

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.4730, 0.5293, 0.4179 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(140, 74, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 74, 0)  
}
```

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(140, 74, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 74, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.4730, 0.5293, 0.4179 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(140, 74, 0) }
```

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

```
.border{ border-color:rgb(140, 74, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 74, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 74, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 74, 0);  
box-shadow:4px 4px 4px 4px rgb(140, 74, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.4730, 0.5293, 0.4179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 74, 0) }
```

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

```
.background{ background-color: rgb(140, 74,  
0) }
```

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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