

Converting Colors

$Y_{xy}(10.0436, 0.5448, 0.4401)$

Have a look what the booklet for
Yxy(10.0436, 0.5448, 0.4401)
contains.

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Color

$\text{Yxy}(10.1318, 0.5245, 0.4217)$

Conversions

Conversions Part 1

Format	Color
Hex	884A00
RGB	136, 74, 0
RGB Percent	53%, 29%, 0%
CMY	0.4667, 0.7098, 0.9998
CMYK	0.00, 0.46, 1.00, 0.47
HSL	33°, 100%, 27%
HSV	33°, 100%, 53%
XYZ	12.6017, 10.1318, 1.2926
YIQ	84.1020, 60.7060, -9.8700

Conversions

Conversions Part 2

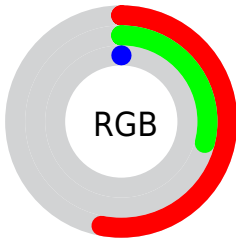
Format	Color
R_{YB}	114, 136, 0
Decimal	8931840
CIE _{Lab}	38.08, 21.86, 47.61
CIE _{LCh}	38, 52.393, 65.337
Yxy	10.1318, 0.5245, 0.4217
Android (android.graphics.Color)	4287121920 (0xFF884A00)
YUV	84.1020, -41.4623, 45.5145
Hunter-Lab	31.8305, 14.9647, 19.8736

Details

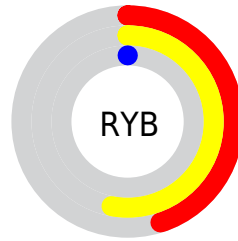
The Yxy color **10.1318, 0.5245, 0.4217** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.2263, 0.1744, 0.1478**, and the grayscale version is **8.9673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.0439, 0.4778, 0.4110**, and **2.5842, 0.5650, 0.3896** is the 20% darker color. If you saturate the color by 10%, you get **10.1296, 0.5246, 0.4217**, and if you desaturate by 10%, it is **11.0323, 0.5046, 0.4245**.

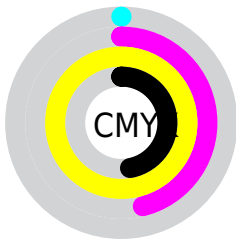
Distribution



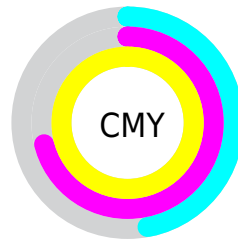
- Red (53%)
- Green (29%)
- Blue (0%)



- Red (45%)
- Yellow (53%)
- Blue (0%)



- Cyan (0%)
- Magenta (46%)
- Yellow (100%)
- Black (47%)





- Cyan (47%)
- Magenta (71%)
- Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 10.1318, 0.5245, 0.4217 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 10.1318, 0.5245, 0.4217 by changing the saturation by 10% instead.


 10.1318, 0.5245,
0.4217


 10.1318, 0.5245,
0.4217

 191.6102, 0.4010,
0.3803


 5.4864, 0.5661,
0.4296

 26.0431, 0.4775,
0.4119


 2.5354, 0.5904,
0.4096

 38.0778, 0.4601,
0.4060


 0.8943, 0.6278,
0.3722

 53.3445, 0.4457,
0.4006

 0.0000, 1.0000,
0.0000


 72.2274, 0.4337,
0.3956


 0.0000, 0.0000,
0.0000


 95.1111, 0.4235,
0.3911


 122.3798, 0.4149,


0.3871


 154.4181, 0.4075,
0.3835


 10.1318, 0.5245,
0.4217


 10.1318, 0.5245,
0.4217


 10.1296, 0.5246,
0.4217

 11.0323, 0.5046,
0.4245

 12.0350, 0.4829,
0.4238

 13.1530, 0.4589,
0.4183

 14.3919, 0.4341,
0.4091

 15.7569, 0.4097,
0.3972

■ 17.2525, 0.3864,
0.3838

■ 18.8831, 0.3650,
0.3698

■ 20.6528, 0.3455,
0.3557

■ 22.5654, 0.3281,
0.3420

Harmonies

Analogous

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



10.1318, 0.5413, 0.3437



10.1318, 0.5245, 0.4217



10.1318, 0.4494, 0.5037

Triad

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



10.1318, 0.5245, 0.4217



10.1318, 0.1638, 0.3686



10.1318, 0.2386, 0.1739

Complementary

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



10.1318, 0.5245, 0.4217



5.2263, 0.1744, 0.1478

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.



10.1318, 0.1647, 0.1628



10.1318, 0.5245, 0.4217



10.1318, 0.1278, 0.2469

Square

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



10.1318, 0.5245, 0.4217



10.1318, 0.2434, 0.5083



10.1318, 0.1295, 0.1831



10.1318, 0.3526, 0.2124

Rectangle

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



10.1318, 0.5245, 0.4217



10.1318, 0.3831, 0.5460



10.1318, 0.1295, 0.1831



10.1318, 0.2092, 0.1671

Sweetspot

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



10.1323, 0.5245, 0.4217



33.0768, 0.3664, 0.3707



5.5991, 0.5044, 0.2553



7.4109, 0.3741, 0.3759



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.



10.1323, 0.5245, 0.4217



17.5399, 0.5274, 0.4195



22.4691, 0.4137, 0.5097



5.4699, 0.3268, 0.3409



9.6070, 0.5242, 0.4219



0.0931, 0.4695, 0.4654

Inverse Universe

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



5.2263, 0.1744, 0.1478



8.9029, 0.1733, 0.1440



1.8079, 0.1515, 0.0608



5.2434, 0.2991, 0.3168



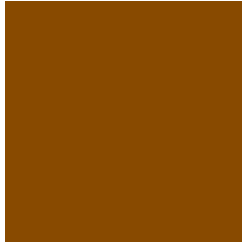
4.9625, 0.1745, 0.1481



0.0617, 0.1967, 0.2280

Previews

White Background



This preview shows how the Yxy color 10.1318, 0.5245, 0.4217 looks on a white background.

Color Contrast Check

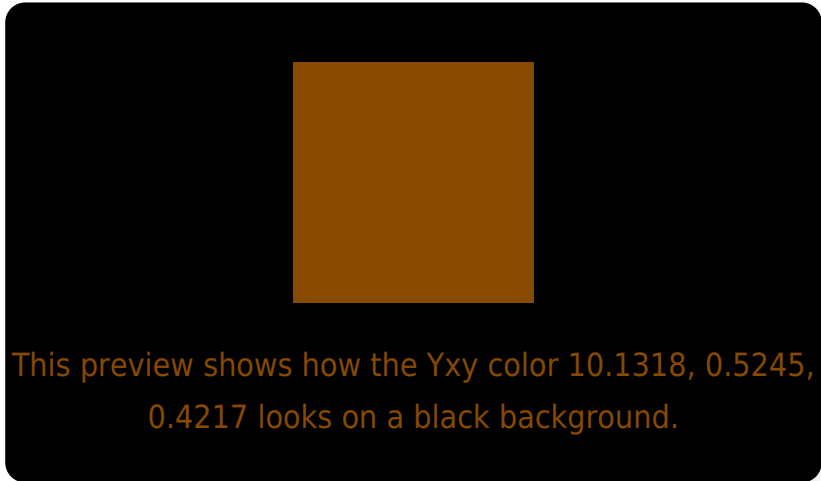
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.1318, 0.5245, 0.4217

Background



This preview shows how black text looks on a background with the Yxy color 10.1318, 0.5245, 0.4217.



This preview shows how white text looks on a background with the Yxy color 10.1318, 0.5245, 0.4217.

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

10.1318, 0.5245, 0.4217

Protanopia

10.3311, 0.4330, 0.4820

Deuteranopia

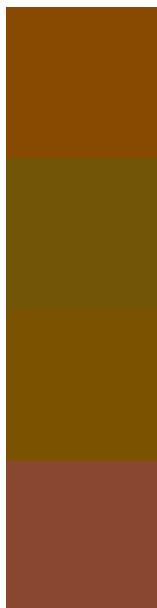
10.2330, 0.4681, 0.4665



Tritanopia

10.1539, 0.4367, 0.3202

Trichromacy



Original Color

10.1318, 0.5245, 0.4217

Protanomaly

10.0897, 0.4664, 0.4602

Deuteranomaly

10.1722, 0.4887, 0.4502

Tritanomaly

10.0301, 0.4837, 0.3708

Monochromacy



Original Color

10.1318, 0.5245, 0.4217

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

8.8779, 0.4031, 0.3931

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.1318, 0.5245, 0.4217 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(136, 74, 0)` looks like.

```
.text, #text, p{  
    color:rgb(136, 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(136, 74, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 74, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.1318, 0.5245, 0.4217 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(136, 74, 0) }
```

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

```
.border{ border-color:rgb(136, 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(136, 74, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 74, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 74, 0);  
box-shadow:4px 4px 4px 4px rgb(136, 74, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.1318, 0.5245, 0.4217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 74, 0) }
```

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

```
.background{ background-color: rgb(136, 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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