

Converting Colors

$Y_{xy}(25.4608, 0.4918, 0.4357)$

Have a look what the booklet for
Yxy(25.4608, 0.4918, 0.4357)
contains.

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Color

Yxy(25.5576, 0.4917, 0.4355)

Conversions

Conversions Part 1

Format	Color
Hex	BF7C18
RGB	191, 124, 24
RGB Percent	75%, 49%, 9%
CMY	0.2510, 0.5137, 0.9062
CMYK	0.00, 0.35, 0.87, 0.25
HSL	36°, 78%, 42%
HSV	36°, 87%, 75%
XYZ	28.8557, 25.5576, 4.2723
YIQ	132.6330, 72.0320, -16.8960

Conversions

Conversions Part 2

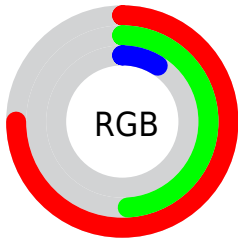
Format	Color
RYB	136, 191, 24
Decimal	12549144
CIELab	57.61, 18.74, 58.96
CIELCh	58, 61.868, 72.365
Yxy	25.5576, 0.4917, 0.4355
Android (android.graphics.Color)	4290739224 (0xFFBF7C18)
YUV	132.6330, -53.5561, 51.1879
Hunter-Lab	50.5545, 13.4146, 30.3776

Details

The Yxy color **25.5576, 0.4917, 0.4355** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **11.4205, 0.1785, 0.1509**, and the grayscale version is **23.4919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7189, 0.4593, 0.4225**, and **9.9377, 0.5174, 0.4274** is the 20% darker color. If you saturate the color by 10%, you get **23.6583, 0.5082, 0.4326**, and if you desaturate by 10%, it is **27.6625, 0.4720, 0.4334**.

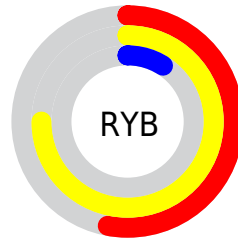
Distribution



Red (75%)

Green (49%)

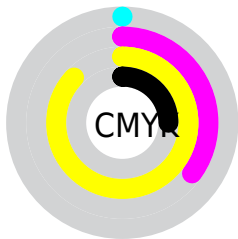
Blue (9%)



Red (53%)

Yellow (75%)

Blue (9%)

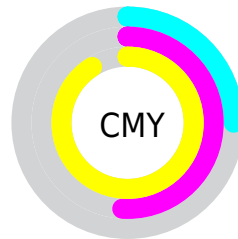


Cyan (0%)

Magenta (35%)

Yellow (87%)

Black (25%)



Cyan (25%)


Magenta (51%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5576, 0.4917, 0.4355 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 25.5576, 0.4917, 0.4355 by changing the saturation by 10% instead.


 25.5576, 0.4917,
0.4355


 25.5576, 0.4917,
0.4355


280.6036, 0.4006,
0.3895


 16.4930, 0.5113,
0.4412


 52.5604, 0.4600,
0.4224


 9.8737, 0.5355,
0.4459


 71.2673, 0.4475,
0.4162


 5.3153, 0.5583,
0.4417

 93.9572, 0.4368,
0.4106

 2.4334, 0.5779,
0.4221

 121.0143, 0.4275,
0.4054

 0.8430, 0.6123,
0.3877

 152.8231, 0.4194,
0.4008

 0.0000, 1.0000,
0.0000

 189.7680, 0.4123,

 0.0000, 0.0000,

0.3967

0.0000

232.2333, 0.4061,
0.3929

25.5576, 0.4917,
0.4355

25.5576, 0.4917,
0.4355

23.6583, 0.5082,
0.4326

27.6625, 0.4720,
0.4334

23.2042, 0.5122,
0.4315

29.9839, 0.4499,
0.4264

32.5346, 0.4267,
0.4156

35.3244, 0.4035,
0.4020

38.3625, 0.3813,
0.3868

■ 41.6573, 0.3605,
0.3710

■ 45.2168, 0.3414,
0.3552

■ 49.0483, 0.3243,
0.3399

■ 53.1591, 0.3090,
0.3254

Harmonies

Analogous

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



25.5576, 0.5170, 0.3632



25.5576, 0.4917, 0.4355



25.5576, 0.4197, 0.5018

Triad

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



25.5576, 0.4917, 0.4355



25.5576, 0.1697, 0.3366



25.5576, 0.2690, 0.1955

Complementary

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



25.5576, 0.4917, 0.4355



11.4205, 0.1785, 0.1509

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.



25.5576, 0.1927, 0.1793



25.5576, 0.4917, 0.4355



25.5576, 0.1437, 0.2410

Square

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



25.5576, 0.4917, 0.4355



25.5576, 0.2345, 0.4572



25.5576, 0.1519, 0.1919



25.5576, 0.3746, 0.2364

Rectangle

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



25.5576, 0.4917, 0.4355



25.5576, 0.3585, 0.5251



25.5576, 0.1519, 0.1919



25.5576, 0.2396, 0.1871

Sweetspot

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



25.5589, 0.4917, 0.4355



75.2711, 0.3584, 0.3693



12.5251, 0.4962, 0.2611



16.0589, 0.3654, 0.3749



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



25.5589, 0.4917, 0.4355



41.0754, 0.5141, 0.4300



46.6772, 0.4035, 0.5099



10.4612, 0.3274, 0.3427



15.4125, 0.5106, 0.4327



0.7286, 0.4833, 0.4545

Inverse Universe

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



11.4205, 0.1785, 0.1509



15.6922, 0.1676, 0.1234



4.8207, 0.1619, 0.0742



9.8363, 0.2984, 0.3149



6.0698, 0.1691, 0.1286



0.3663, 0.1827, 0.1776

Previews

White Background



This preview shows how the Yxy color 25.5576, 0.4917, 0.4355 looks on a white 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

Black Background



This preview shows how the Yxy color 25.5576, 0.4917, 0.4355 looks on a black 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

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

Yxy 25.5576, 0.4917, 0.4355

Background



This preview shows how black text looks on a background with the Yxy color 25.5576, 0.4917, 0.4355.



This preview shows how white text looks on a background with the Yxy color 25.5576, 0.4917, 0.4355.

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

25.5576, 0.4917, 0.4355

Protanopia

25.6170, 0.4320, 0.4780

Deuteranopia

25.6602, 0.4662, 0.4594



Tritanopia

25.4525, 0.4054, 0.3172

Trichromacy



Original Color

25.5576, 0.4917, 0.4355

Protanomaly

25.5643, 0.4536, 0.4623

Deuteranomaly

25.5748, 0.4761, 0.4504

Tritanomaly

25.1308, 0.4477, 0.3691

Monochromacy



Original Color

25.5576, 0.4917, 0.4355

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.6256, 0.3842, 0.3899

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5576, 0.4917, 0.4355 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(191, 124, 24)` looks like.

```
.text, #text, p{  
    color:rgb(191, 124, 24)  
}
```

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(191, 124, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 124, 24) }
```

Border

The CSS property to change the border of an element to Yxy 25.5576, 0.4917, 0.4355 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(191, 124, 24) }
```

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

```
.border{ border-color:rgb(191, 124, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 124, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 124, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 124, 24);  
box-shadow:4px 4px 4px 4px rgb(191, 124,  
24) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5576, 0.4917, 0.4355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 124, 24) }
```

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

```
.background{ background-color: rgb(191,  
124, 24) }
```

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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