

Converting Colors

$Y_{xy}(25.4627, 0.4918, 0.4312)$

Have a look what the booklet for
Yxy(25.4627, 0.4918, 0.4312)
contains.

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Color

Yxy(25.4611, 0.4918, 0.4312)

Conversions

Conversions Part 1

Format	Color
Hex	C07B1D
RGB	192, 123, 29
RGB Percent	75%, 48%, 11%
CMY	0.2471, 0.5176, 0.8862
CMYK	0.00, 0.36, 0.85, 0.25
HSL	35°, 74%, 43%
HSV	35°, 85%, 75%
XYZ	29.0394, 25.4611, 4.5466
YIQ	132.9150, 71.2980, -14.6060

Conversions

Conversions Part 2

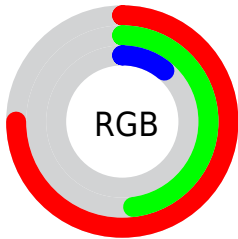
Format	Color
R _Y B	149, 192, 29
Decimal	12614429
CIE Lab	57.52, 19.85, 57.38
CIE LCh	58, 60.714, 70.912
Yxy	25.4611, 0.4918, 0.4312
Android (android.graphics.Color)	4290804509 (0xFFC07B1D)
YUV	132.9150, -51.2301, 51.8175
Hunter-Lab	50.4590, 14.4242, 29.9789

Details

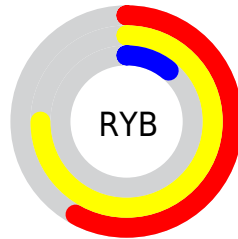
The Yxy color **25.4611, 0.4918, 0.4312** is a dark color, and the websafe version is hex **996600**. The color can be described as dark washed orange. A complement of this color would be **12.7964, 0.1827, 0.1625**, and the grayscale version is **23.5947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5578, 0.4591, 0.4190**, and **9.8841, 0.5208, 0.4247** is the 20% darker color. If you saturate the color by 10%, you get **23.4621, 0.5101, 0.4289**, and if you desaturate by 10%, it is **27.6891, 0.4703, 0.4283**.

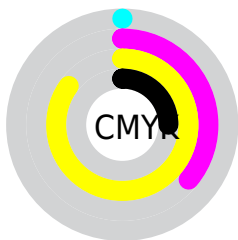
Distribution



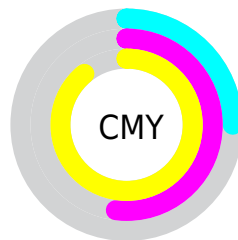
- Red (75%)
- Green (48%)
- Blue (11%)



- Red (58%)
- Yellow (75%)
- Blue (11%)



- Cyan (0%)
- Magenta (36%)
- Yellow (85%)
- Black (25%)





- Cyan (25%)
- Magenta (52%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4611, 0.4918, 0.4312 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 25.4611, 0.4918, 0.4312 by changing the saturation by 10% instead.


 25.4611, 0.4918,
0.4312


 25.4611, 0.4918,
0.4312


280.1265, 0.3999,
0.3871

 16.4209, 0.5120,
0.4367


 52.4043, 0.4596,
0.4186

 9.8225, 0.5365,
0.4406


 71.0761, 0.4470,
0.4127


 5.2814, 0.5624,
0.4376

 93.7272, 0.4361,
0.4073

 2.4133, 0.5831,
0.4169

 120.7420, 0.4268,
0.4023

 0.8327, 0.6194,
0.3806

 152.5050, 0.4187,
0.3979

 0.0000, 1.0000,
0.0000

 189.4005, 0.4117,

 0.0000, 0.0000,

0.3939

0.0000

231.8128, 0.4054,
0.3904

25.4611, 0.4918,
0.4312

25.4611, 0.4918,
0.4312

23.4621, 0.5101,
0.4289

27.6891, 0.4703,
0.4283

22.5162, 0.5187,
0.4264

30.1556, 0.4468,
0.4206

32.8737, 0.4226,
0.4094

35.8536, 0.3989,
0.3958

39.1051, 0.3764,
0.3809

■ 42.6370, 0.3557,
0.3656

■ 46.4578, 0.3370,
0.3504

■ 50.5753, 0.3202,
0.3358

■ 54.9973, 0.3053,
0.3221

Harmonies

Analogous

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



25.4611, 0.5133, 0.3600



25.4611, 0.4918, 0.4312



25.4611, 0.4227, 0.4969

Triad

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



25.4611, 0.4918, 0.4312



25.4611, 0.1741, 0.3423



25.4611, 0.2654, 0.1959

Complementary

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



25.4611, 0.4918, 0.4312



12.7964, 0.1827, 0.1625

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.



25.4611, 0.1917, 0.1812



25.4611, 0.4918, 0.4312



25.4611, 0.1463, 0.2461

Square

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



25.4611, 0.4918, 0.4312



25.4611, 0.2400, 0.4597



25.4611, 0.1529, 0.1953



25.4611, 0.3684, 0.2353

Rectangle

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



25.4611, 0.4918, 0.4312



25.4611, 0.3630, 0.5211



25.4611, 0.1529, 0.1953



25.4611, 0.2369, 0.1880

Sweetspot

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



25.4624, 0.4918, 0.4312



76.9345, 0.3567, 0.3663



12.9959, 0.4830, 0.2567



16.0079, 0.3639, 0.3718



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.



25.4624, 0.4918, 0.4312



40.2977, 0.5206, 0.4248



47.6169, 0.4054, 0.5060



11.0210, 0.3275, 0.3423



15.3113, 0.5171, 0.4276



0.7957, 0.4897, 0.4494

Inverse Universe

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



12.7964, 0.1827, 0.1625



17.1523, 0.1694, 0.1299



5.1326, 0.1634, 0.0775



10.4329, 0.2984, 0.3154



6.6929, 0.1709, 0.1350



0.4255, 0.1832, 0.1796

Previews

White Background



This preview shows how the Yxy color 25.4611, 0.4918, 0.4312 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 25.4611, 0.4918, 0.4312 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 25.4611, 0.4918, 0.4312

Background



This preview shows how black text looks on a background with the Yxy color 25.4611, 0.4918, 0.4312.



This preview shows how white text looks on a background with the Yxy color 25.4611, 0.4918, 0.4312.

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

25.4611, 0.4918, 0.4312

Protanopia

25.6430, 0.4298, 0.4746

Deuteranopia

25.4125, 0.4655, 0.4556



Tritanopia

25.5618, 0.4079, 0.3186

Trichromacy



Original Color

25.4611, 0.4918, 0.4312

Protanomaly

25.3144, 0.4526, 0.4581

Deuteranomaly

25.3367, 0.4751, 0.4465

Tritanomaly

25.2802, 0.4476, 0.3676

Monochromacy



Original Color

25.4611, 0.4918, 0.4312

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.3968, 0.3825, 0.3851

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4611, 0.4918, 0.4312 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(192, 123, 29)` looks like.

```
.text, #text, p{  
    color:rgb(192, 123, 29)  
}
```

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(192, 123, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 123, 29) }
```

Border

The CSS property to change the border of an element to Yxy 25.4611, 0.4918, 0.4312 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(192, 123, 29) }
```

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

```
.border{ border-color:rgb(192, 123, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 123, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 123, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 123, 29);  
box-shadow:4px 4px 4px 4px rgb(192, 123,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4611, 0.4918, 0.4312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 123, 29) }
```

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

```
.background{ background-color: rgb(192,  
123, 29) }
```

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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