

Converting Colors

$Y_{xy}(25.3042, 0.4942, 0.4094)$

Have a look what the booklet for
Yxy(25.3042, 0.4942, 0.4094)
contains.

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Color

Yxy(25.3042, 0.4942, 0.4094)

Conversions

Conversions Part 1

Format	Color
Hex	C7762F
RGB	199, 118, 47
RGB Percent	78%, 46%, 18%
CMY	0.2196, 0.5372, 0.8159
CMYK	0.00, 0.41, 0.76, 0.22
HSL	28°, 62%, 48%
HSV	28°, 76%, 78%
XYZ	30.5455, 25.3042, 5.9583
YIQ	134.1250, 71.0670, -4.9090

Conversions

Conversions Part 2

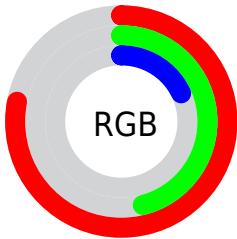
Format	Color
R _Y B	199, 180, 47
Decimal	13071919
CIE Lab	57.37, 26.23, 50.57
CIE LCh	57, 56.969, 62.584
Yxy	25.3042, 0.4942, 0.4094
Android (android.graphics.Color)	4291261999 (0xFFC7762F)
YUV	134.1250, -42.9526, 56.8954
Hunter-Lab	50.3033, 20.3593, 28.1896

Details

The Yxy color **25.3042, 0.4942, 0.4094** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **20.1542, 0.1994, 0.2094**, and the grayscale version is **24.0291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2489, 0.4551, 0.4024**, and **9.7452, 0.5384, 0.4107** is the 20% darker color. If you saturate the color by 10%, you get **22.8217, 0.5208, 0.4091**, and if you desaturate by 10%, it is **28.1432, 0.4655, 0.4048**.

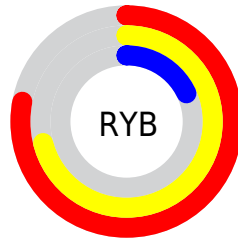
Distribution



Red (78%)

Green (46%)

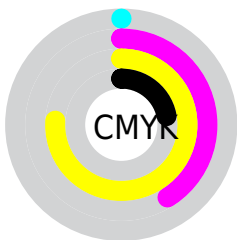
Blue (18%)



Red (78%)

Yellow (71%)

Blue (18%)

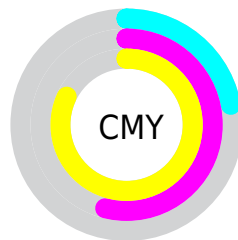


Cyan (0%)

Magenta (41%)

Yellow (76%)

Black (22%)



Cyan (22%)

Magenta (54%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3042, 0.4942, 0.4094 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 25.3042, 0.4942, 0.4094 by changing the saturation by 10% instead.


 25.3042, 0.4942,
0.4094


 25.3042, 0.4942,
0.4094


279.3495, 0.3984,
0.3756


 16.3038, 0.5171,
0.4132


 52.1503, 0.4595,
0.4000


 9.7394, 0.5445,
0.4143


 70.7648, 0.4463,
0.3955

 5.2265, 0.5849,
0.4151

 93.3529, 0.4351,
0.3913

 2.3808, 0.6111,
0.3889

 120.2988, 0.4256,
0.3875

 0.8160, 0.6560,
0.3440

 151.9870, 0.4174,
0.3841

 0.0000, 1.0000,
0.0000

 188.8020, 0.4102,

 0.0000, 0.0000,

0.3810

0.0000

231.1280, 0.4040,
0.3782

■ 25.3042, 0.4942,
0.4094

■ 25.3042, 0.4942,
0.4094

■ 22.8217, 0.5208,
0.4091

■ 28.1432, 0.4655,
0.4048

■ 20.6712, 0.5434,
0.4033

■ 31.3523, 0.4366,
0.3965

■ 19.9701, 0.5511,
0.4006

■ 34.9489, 0.4090,
0.3857

■ 38.9478, 0.3836,
0.3735

■ 43.3629, 0.3607,
0.3608

■ 48.2072, 0.3405,
0.3483

■ 53.4931, 0.3228,
0.3363

■ 59.2325, 0.3075,
0.3250

■ 65.4368, 0.2941,
0.3146

Harmonies

Analogous

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



25.3042, 0.4964, 0.3418



25.3042, 0.4942, 0.4094



25.3042, 0.4398, 0.4742

Triad

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



25.3042, 0.4942, 0.4094



25.3042, 0.1955, 0.3730



25.3042, 0.2454, 0.1956

Complementary

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



25.3042, 0.4942, 0.4094



20.1542, 0.1994, 0.2094

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.



25.3042, 0.1840, 0.1889



25.3042, 0.4942, 0.4094



25.3042, 0.1581, 0.2726

Square

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



25.3042, 0.4942, 0.4094



25.3042, 0.2676, 0.4749



25.3042, 0.1553, 0.2119



25.3042, 0.3371, 0.2273

Rectangle

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



25.3042, 0.4942, 0.4094



25.3042, 0.3864, 0.5041



25.3042, 0.1553, 0.2119



25.3042, 0.2212, 0.1904

Sweetspot

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



25.3055, 0.4942, 0.4094



78.4413, 0.3542, 0.3570



15.7321, 0.4302, 0.2377



16.1467, 0.3620, 0.3616



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



25.3055, 0.4942, 0.4094



37.2828, 0.5370, 0.4056



50.9045, 0.4149, 0.4872



11.4403, 0.3278, 0.3398



13.0122, 0.5488, 0.4024



0.7608, 0.5150, 0.4293

Inverse Universe

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



20.1542, 0.1994, 0.2094



27.7397, 0.1844, 0.1793



7.1849, 0.1702, 0.0963



11.2074, 0.2983, 0.3179



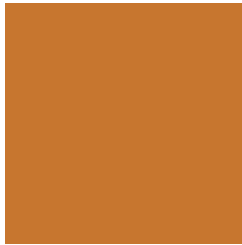
9.4585, 0.1807, 0.1703



0.5919, 0.1906, 0.2063

Previews

White Background



This preview shows how the Yxy color 25.3042, 0.4942, 0.4094 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 25.3042, 0.4942, 0.4094 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 25.3042, 0.4942, 0.4094

Background



This preview shows how black text looks on a background with the Yxy color 25.3042, 0.4942, 0.4094.



This preview shows how white text looks on a background with the Yxy color 25.3042, 0.4942, 0.4094.

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

25.3042, 0.4942, 0.4094

Protanopia

25.3040, 0.4162, 0.4568

Deuteranopia

25.2913, 0.4533, 0.4446



Tritanopia

25.3973, 0.4225, 0.3190

Trichromacy



Original Color

25.3042, 0.4942, 0.4094

Protanomaly

25.0177, 0.4442, 0.4394

Deuteranomaly

25.0486, 0.4688, 0.4316

Tritanomaly

25.3815, 0.4538, 0.3561

Monochromacy



Original Color

25.3042, 0.4942, 0.4094

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.6668, 0.3799, 0.3713

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3042, 0.4942, 0.4094 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(199, 118, 47)` looks like.

```
.text, #text, p{  
    color:rgb(199, 118, 47)  
}
```

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(199, 118, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 118, 47) }
```

Border

The CSS property to change the border of an element to Yxy 25.3042, 0.4942, 0.4094 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(199, 118, 47) }
```

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

```
.border{ border-color:rgb(199, 118, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 118, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 118, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 118, 47);  
box-shadow:4px 4px 4px 4px rgb(199, 118,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3042, 0.4942, 0.4094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 118, 47) }
```

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

```
.background{ background-color: rgb(199,  
118, 47) }
```

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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