

Converting Colors

$Y_{xy}(25.8092, 0.4968, 0.4437)$

Have a look what the booklet for
Yxy(25.8092, 0.4968, 0.4437)
contains.

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Color

$\text{Yxy}(25.7436, 0.4968, 0.4438)$

Conversions

Conversions Part 1

Format	Color
Hex	BF7D00
RGB	191, 125, 0
RGB Percent	75%, 49%, 0%
CMY	0.2510, 0.5098, 1.0000
CMYK	0.00, 0.35, 1.00, 0.25
HSL	39°, 100%, 37%
HSV	39°, 100%, 75%
XYZ	28.8180, 25.7436, 3.4456
YIQ	130.4840, 79.4610, -24.8830

Conversions

Conversions Part 2

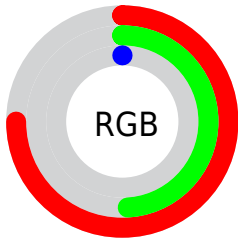
Format	Color
RYB	101, 191, 0
Decimal	12549376
CIELab	57.79, 17.83, 63.97
CIELCh	58, 66.407, 74.426
Yxy	25.7436, 0.4968, 0.4438
Android (android.graphics.Color)	4290739456 (0xFFBF7D00)
YUV	130.4840, -64.3286, 53.0725
Hunter-Lab	50.7382, 12.5917, 31.4903

Details

The Yxy color **25.7436, 0.4968, 0.4438** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **7.6561, 0.1641, 0.1107**, and the grayscale version is **22.7168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9536, 0.4653, 0.4314**, and **10.0744, 0.5153, 0.4290** is the 20% darker color. If you saturate the color by 10%, you get **25.7453, 0.4968, 0.4438**, and if you desaturate by 10%, it is **27.5194, 0.4831, 0.4461**.

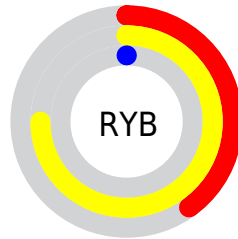
Distribution



Red (75%)

Green (49%)

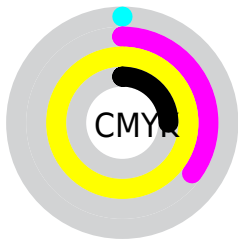
Blue (0%)



Red (40%)

Yellow (75%)

Blue (0%)

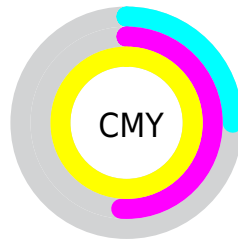


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7436, 0.4968, 0.4438 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 25.7436, 0.4968, 0.4438 by changing the saturation by 10% instead.


 25.7436, 0.4968,
0.4438


 25.7436, 0.4968,
0.4438


281.5212, 0.4052,
0.3955


 16.6319, 0.5152,
0.4490


 52.8610, 0.4659,
0.4306

 9.9724, 0.5407,
0.4555


 71.6356, 0.4533,
0.4242

 5.3807, 0.5548,
0.4452

 94.3998, 0.4424,
0.4182

 2.4723, 0.5734,
0.4266

 121.5382, 0.4329,
0.4127

 0.8627, 0.6059,
0.3941

 153.4352, 0.4246,
0.4078

 0.0000, 1.0000,
0.0000

 190.4751, 0.4173,

 0.0000, 0.0000,

0.4033


0.0000


 233.0422, 0.4109,
0.3992


 25.7436, 0.4968,
0.4438

 25.7436, 0.4968,
0.4438


 25.7453, 0.4968,
0.4438

 27.5194, 0.4831,
0.4461

 29.4532, 0.4668,
0.4442

 31.5653, 0.4478,
0.4373

 33.8664, 0.4271,
0.4262

 36.3654, 0.4057,
0.4121

■ 39.0707, 0.3846,
0.3961

■ 41.9896, 0.3644,
0.3790

■ 45.1293, 0.3456,
0.3619

■ 48.4962, 0.3283,
0.3451

Harmonies

Analogous

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



25.7436, 0.5301, 0.3676



25.7436, 0.4968, 0.4438



25.7436, 0.4171, 0.5151

Triad

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



25.7436, 0.4968, 0.4438



25.7436, 0.1580, 0.3275



25.7436, 0.2727, 0.1906

Complementary

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



25.7436, 0.4968, 0.4438



7.6561, 0.1641, 0.1107

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.



25.7436, 0.1901, 0.1718



25.7436, 0.4968, 0.4438



25.7436, 0.1344, 0.2295

Square

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



25.7436, 0.4968, 0.4438



25.7436, 0.2226, 0.4594



25.7436, 0.1455, 0.1820



25.7436, 0.3866, 0.2347

Rectangle

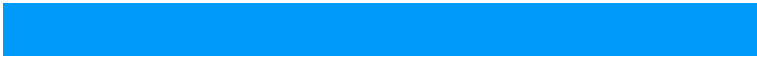
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.7436, 0.4968, 0.4438



25.7436, 0.3519, 0.5396



25.7436, 0.1455, 0.1820



25.7436, 0.2408, 0.1813

Sweetspot

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



25.7453, 0.4968, 0.4438



74.9510, 0.3653, 0.3799



11.4791, 0.5583, 0.2849



15.9598, 0.3738, 0.3872



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.



25.7453, 0.4968, 0.4438



45.6413, 0.4983, 0.4426



44.9771, 0.3930, 0.5261



10.5504, 0.3272, 0.3440



17.0753, 0.4954, 0.4448



0.7864, 0.4729, 0.4627

Inverse Universe

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



7.6561, 0.1641, 0.1107



13.3060, 0.1633, 0.1080



4.0175, 0.1560, 0.0633



9.7499, 0.2984, 0.3136



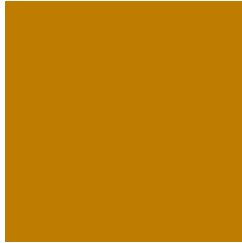
5.1686, 0.1648, 0.1131



0.3265, 0.1788, 0.1635

Previews

White Background



This preview shows how the Yxy color 25.7436, 0.4968, 0.4438 looks on a white background.

Color Contrast Check

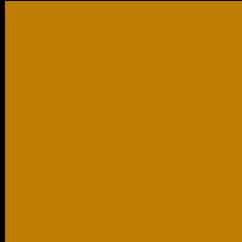
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7436, 0.4968, 0.4438 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 25.7436, 0.4968, 0.4438

Background



This preview shows how black text looks on a background with the Yxy color 25.7436, 0.4968, 0.4438.



This preview shows how white text looks on a background with the Yxy color 25.7436, 0.4968, 0.4438.

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

25.7436, 0.4968, 0.4438

Protanopia

25.9533, 0.4368, 0.4854

Deuteranopia

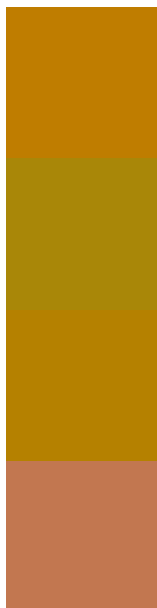
25.7326, 0.4715, 0.4638



Tritanopia

25.7072, 0.4036, 0.3171

Trichromacy



Original Color

25.7436, 0.4968, 0.4438

Protanomaly

25.7805, 0.4580, 0.4710

Deuteranomaly

25.5243, 0.4810, 0.4563

Tritanomaly

25.2422, 0.4562, 0.3802

Monochromacy



Original Color

25.7436, 0.4968, 0.4438

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.7383, 0.3944, 0.4034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7436, 0.4968, 0.4438 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, 125, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 125, 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(191, 125, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 125, 0) }
```

Border

The CSS property to change the border of an element to Yxy 25.7436, 0.4968, 0.4438 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, 125, 0) }
```

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

```
.border{ border-color:rgb(191, 125, 0) }
```

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

Here you see how a box with a 4 pixel rgb(191, 125, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 125, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 125, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 125,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7436, 0.4968, 0.4438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 125, 0) }
```

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

```
.background{ background-color: rgb(191,  
125, 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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