

Converting Colors

$Yxy(28.2326, 0.5070, 0.4445)$

Have a look what the booklet for
Yxy(28.2326, 0.5070, 0.4445)
contains.

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Color

$Yxy(28.3970, 0.5024, 0.4393)$

Conversions

Conversions Part 1

Format	Color
Hex	CB8100
RGB	203, 129, 0
RGB Percent	80%, 51%, 0%
CMY	0.2040, 0.4941, 1.0000
CMYK	0.00, 0.36, 1.00, 0.20
HSL	38°, 100%, 40%
HSV	38°, 100%, 80%
XYZ	32.4759, 28.3970, 3.7686
YIQ	136.4200, 85.5130, -24.4310

Conversions

Conversions Part 2

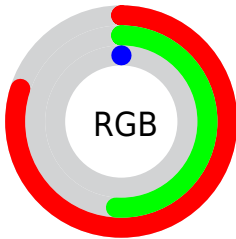
Format	Color
R_YB	116, 203, 0
Decimal	13336832
CIE Lab	60.25, 20.91, 66.28
CIE LCh	60, 69.499, 72.494
Yxy	28.3970, 0.5024, 0.4393
Android (android.graphics.Color)	4291526912 (0xFFCB8100)
YUV	136.4200, -67.2551, 58.3907
Hunter-Lab	53.2888, 15.5280, 33.1092

Details

The Yxy color **28.3970, 0.5024, 0.4393** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **9.2049, 0.1653, 0.1151**, and the grayscale version is **25.0212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1581, 0.4631, 0.4324**, and **11.5770, 0.5208, 0.4247** is the 20% darker color. If you saturate the color by 10%, you get **28.3985, 0.5024, 0.4393**, and if you desaturate by 10%, it is **30.4703, 0.4881, 0.4424**.

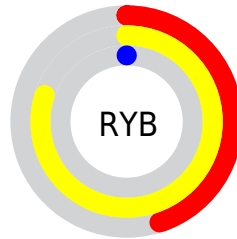
Distribution



Red (80%)

Green (51%)

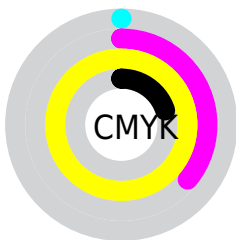
Blue (0%)



Red (45%)

Yellow (80%)

Blue (0%)

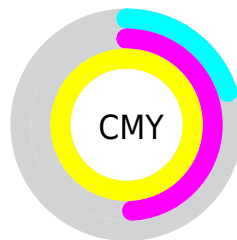


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3970, 0.5024, 0.4393 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 28.3970, 0.5024, 0.4393 by changing the saturation by 10% instead.


 28.3970, 0.5024,
0.4393


 28.3970, 0.5024,
0.4393


294.3591, 0.4094,
0.3951


 18.6251, 0.5209,
0.4434


 57.1176, 0.4713,
0.4278


 11.3997, 0.5445,
0.4470


 76.8352, 0.4586,
0.4220

 6.3364, 0.5618,
0.4382


 100.6368, 0.4475,
0.4165

 3.0507, 0.5808,
0.4192

 128.9069, 0.4379,
0.4114

 1.1582, 0.6125,
0.3875

 162.0297, 0.4294,
0.4068


 0.0272, 0.9517,
0.0483


 200.3898, 0.4219,


 0.0000, 0.0000,


0.4025


0.0000


 244.3714, 0.4153,
0.3987


 28.3970, 0.5024,
0.4393


 28.3970, 0.5024,
0.4393


 28.3985, 0.5024,
0.4393

 30.4703, 0.4881,
0.4424

 32.7401, 0.4709,
0.4410

 35.2295, 0.4510,
0.4346

 37.9511, 0.4295,
0.4239

 40.9159, 0.4074,
0.4102

■ 44.1339, 0.3857,
0.3945

■ 47.6141, 0.3650,
0.3779

■ 51.3650, 0.3459,
0.3611

■ 55.3946, 0.3284,
0.3447

Harmonies

Analogous

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



28.3970, 0.5324, 0.3627



28.3970, 0.5024, 0.4393



28.3970, 0.4237, 0.5130

Triad

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



28.3970, 0.5024, 0.4393



28.3970, 0.1593, 0.3354



28.3970, 0.2656, 0.1872

Complementary

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



28.3970, 0.5024, 0.4393



9.2049, 0.1653, 0.1151

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.



28.3970, 0.1848, 0.1700



28.3970, 0.5024, 0.4393



28.3970, 0.1331, 0.2329

Square

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



28.3970, 0.5024, 0.4393



28.3970, 0.2269, 0.4692



28.3970, 0.1422, 0.1823



28.3970, 0.3796, 0.2302

Rectangle

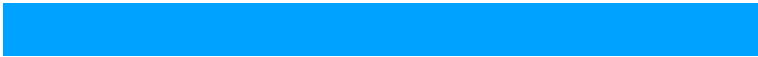
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.3970, 0.5024, 0.4393



28.3970, 0.3584, 0.5414



28.3970, 0.1422, 0.1823



28.3970, 0.2342, 0.1784

Sweetspot

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



28.3985, 0.5024, 0.4393



79.4994, 0.3658, 0.3786



13.1946, 0.5528, 0.2819



16.4731, 0.3745, 0.3857



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.



28.3985, 0.5024, 0.4393



47.1264, 0.5037, 0.4382



51.9258, 0.3959, 0.5239



12.3824, 0.3274, 0.3437



18.2541, 0.5009, 0.4405



1.0830, 0.4810, 0.4563

Inverse Universe

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



9.2049, 0.1653, 0.1151



15.0359, 0.1647, 0.1128



4.5450, 0.1548, 0.0626



11.5022, 0.2983, 0.3139



6.0181, 0.1660, 0.1176



0.4540, 0.1771, 0.1576

Previews

White Background



This preview shows how the Yxy color 28.3970, 0.5024, 0.4393 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 28.3970, 0.5024, 0.4393 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 28.3970, 0.5024, 0.4393

Background



This preview shows how black text looks on a background with the Yxy color 28.3970, 0.5024, 0.4393.



This preview shows how white text looks on a background with the Yxy color 28.3970, 0.5024, 0.4393.

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

28.3970, 0.5024, 0.4393

Protanopia

28.4820, 0.4372, 0.4851

Deuteranopia

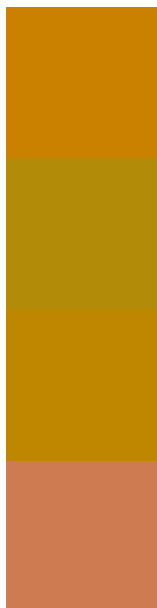
28.3673, 0.4717, 0.4637



Tritanopia

28.4278, 0.4102, 0.3178

Trichromacy



Original Color

28.3970, 0.5024, 0.4393

Protanomaly

28.2409, 0.4610, 0.4685

Deuteranomaly

28.4043, 0.4828, 0.4548

Tritanomaly

27.8969, 0.4632, 0.3794

Monochromacy



Original Color

28.3970, 0.5024, 0.4393

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.9368, 0.3964, 0.4017

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3970, 0.5024, 0.4393 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(203, 129, 0)` looks like.

```
.text, #text, p{  
    color:rgb(203, 129, 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(203, 129, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 129, 0) }
```

Border

The CSS property to change the border of an element to Yxy 28.3970, 0.5024, 0.4393 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(203, 129, 0) }
```

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

```
.border{ border-color:rgb(203, 129, 0) }
```

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

Here you see how a box with a 4 pixel rgb(203, 129, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 129, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 129, 0);  
box-shadow:4px 4px 4px 4px rgb(203, 129,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3970, 0.5024, 0.4393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 129, 0) }
```

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

```
.background{ background-color: rgb(203,  
129, 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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