

Converting Colors

$Yxy(22.5068, 0.5329, 0.4098)$

Have a look what the booklet for
Yxy(22.5068, 0.5329, 0.4098)
contains.

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Color

Yxy(22.5472, 0.5318, 0.4106)

Conversions

Conversions Part 1

Format	Color
Hex	C9690C
RGB	201, 105, 12
RGB Percent	79%, 41%, 5%
CMY	0.2118, 0.5882, 0.9526
CMYK	0.00, 0.48, 0.94, 0.21
HSL	30°, 89%, 42%
HSV	30°, 94%, 79%
XYZ	29.2026, 22.5472, 3.1630
YIQ	123.1020, 87.0690, -8.5710

Conversions

Conversions Part 2

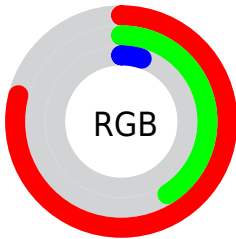
Format	Color
R_{YB}	201, 195, 12
Decimal	13199628
CIE Lab	54.60, 33.07, 60.25
CIE LCh	55, 68.726, 61.240
Yxy	22.5472, 0.5318, 0.4106
Android (android.graphics.Color)	4291389708 (0xFFC9690C)
YUV	123.1020, -54.7733, 68.3165
Hunter-Lab	47.4839, 26.6808, 29.2893

Details

The Yxy color **22.5472, 0.5318, 0.4106** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **15.0294, 0.1817, 0.1700**, and the grayscale version is **20.0098, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.8161, 0.4858, 0.4091**, and **8.4038, 0.5659, 0.3889** is the 20% darker color. If you saturate the color by 10%, you get **21.3165, 0.5439, 0.4063**, and if you desaturate by 10%, it is **24.8337, 0.5092, 0.4146**.

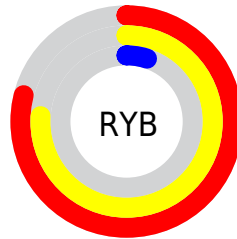
Distribution



Red (79%)

Green (41%)

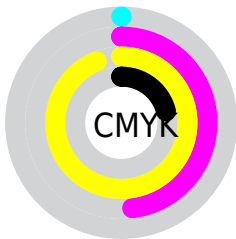
Blue (5%)



Red (79%)

Yellow (76%)

Blue (5%)

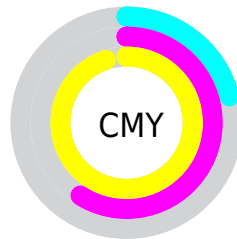


Cyan (0%)

Magenta (48%)

Yellow (94%)

Black (21%)



Cyan (21%)

Magenta (59%)

Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.5472, 0.5318, 0.4106 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 22.5472, 0.5318, 0.4106 by changing the saturation by 10% instead.


 22.5472, 0.5318,
0.4106


 22.5472, 0.5318,
0.4106


265.3907, 0.4181,
0.3824

 14.2595, 0.5566,
0.4096


 47.6488, 0.4920,
0.4056

 8.3014, 0.5921,
0.4079


 65.2314, 0.4763,
0.4020

 4.2884, 0.6150,
0.3850

 86.6812, 0.4629,
0.3983

 1.8362, 0.6503,
0.3497

 112.3825, 0.4514,
0.3947

 0.5096, 0.7298,
0.2702

 142.7197, 0.4413,
0.3913

 0.0000, 1.0000,
0.0000

 178.0772, 0.4326,

 0.0000, 0.0000,

0.3881

0.0000

218.8394, 0.4249,
0.3851

22.5472, 0.5318,
0.4106

22.5472, 0.5318,
0.4106

21.3165, 0.5439,
0.4063

24.8337, 0.5092,
0.4146

27.4437, 0.4832,
0.4131

30.3970, 0.4555,
0.4070

33.7100, 0.4278,
0.3974

37.3974, 0.4014,
0.3855

■ 41.4730, 0.3771,
0.3726

■ 45.9498, 0.3553,
0.3593

■ 50.8398, 0.3359,
0.3462

■ 56.1548, 0.3189,
0.3338

Harmonies

Analogous

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



22.5472, 0.5382, 0.3334



22.5472, 0.5318, 0.4106



22.5472, 0.4622, 0.4934

Triad

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



22.5472, 0.5318, 0.4106



22.5472, 0.1716, 0.3891



22.5472, 0.2256, 0.1702

Complementary

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



22.5472, 0.5318, 0.4106



15.0294, 0.1817, 0.1700

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.



22.5472, 0.1572, 0.1630



22.5472, 0.5318, 0.4106



22.5472, 0.1296, 0.2596

Square

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



22.5472, 0.5318, 0.4106



22.5472, 0.2566, 0.5233



22.5472, 0.1267, 0.1883



22.5472, 0.3353, 0.2052

Rectangle

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



22.5472, 0.5318, 0.4106



22.5472, 0.3974, 0.5401



22.5472, 0.1267, 0.1883



22.5472, 0.1981, 0.1646

Sweetspot

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



22.5484, 0.5318, 0.4106



75.2250, 0.3646, 0.3651



13.7989, 0.4763, 0.2433



15.3937, 0.3743, 0.3709



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.



22.5484, 0.5318, 0.4106



36.0430, 0.5460, 0.4047



52.7551, 0.4209, 0.5012



11.4842, 0.3277, 0.3404



13.5878, 0.5417, 0.4081



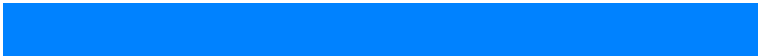
0.7883, 0.5096, 0.4336

Inverse Universe

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



15.0294, 0.1817, 0.1700



23.0641, 0.1770, 0.1572



4.6430, 0.1529, 0.0653



11.1633, 0.2983, 0.3173



8.8240, 0.1783, 0.1620



0.5626, 0.1887, 0.1995

Previews

White Background



This preview shows how the Yxy color 22.5472, 0.5318, 0.4106 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 22.5472, 0.5318, 0.4106 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 22.5472, 0.5318, 0.4106

Background



This preview shows how black text looks on a background with the Yxy color 22.5472, 0.5318, 0.4106.



This preview shows how white text looks on a background with the Yxy color 22.5472, 0.5318, 0.4106.

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

22.5472, 0.5318, 0.4106

Protanopia

22.8526, 0.4338, 0.4812

Deuteranopia

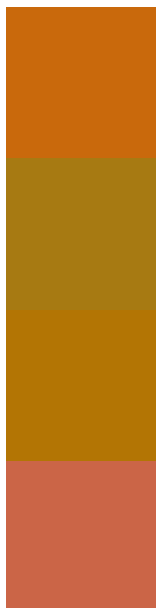
22.5223, 0.4719, 0.4635



Tritanopia

22.5927, 0.4516, 0.3206

Trichromacy



Original Color

22.5472, 0.5318, 0.4106

Protanomaly

22.1782, 0.4712, 0.4542

Deuteranomaly

22.3151, 0.4956, 0.4428

Tritanomaly

22.4588, 0.4941, 0.3648

Monochromacy



Original Color

22.5472, 0.5318, 0.4106

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.6946, 0.4020, 0.3849

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5472, 0.5318, 0.4106 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(201, 105, 12)` looks like.

```
.text, #text, p{  
    color:rgb(201, 105, 12)  
}
```

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(201, 105, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 105, 12) }
```

Border

The CSS property to change the border of an element to Yxy 22.5472, 0.5318, 0.4106 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(201, 105, 12) }
```

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

```
.border{ border-color:rgb(201, 105, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 105, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 105, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 105, 12);  
box-shadow:4px 4px 4px 4px rgb(201, 105,  
12) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5472, 0.5318, 0.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 105, 12) }
```

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

```
.background{ background-color: rgb(201,  
105, 12) }
```

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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