

Converting Colors

$Yxy(24.9477, 0.5244, 0.4131)$

Have a look what the booklet for
Yxy(24.9477, 0.5244, 0.4131)
contains.

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Color

Yxy(24.9008, 0.5248, 0.4130)

Conversions

Conversions Part 1

Format	Color
Hex	CF7013
RGB	207, 112, 19
RGB Percent	81%, 44%, 7%
CMY	0.1883, 0.5607, 0.9259
CMYK	0.00, 0.46, 0.91, 0.19
HSL	30°, 83%, 44%
HSV	30°, 91%, 81%
XYZ	31.6415, 24.9008, 3.7502
YIQ	129.8030, 86.4730, -8.7830

Conversions

Conversions Part 2

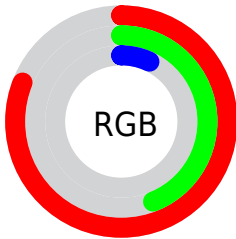
Format	Color
R_{YB}	207, 203, 19
Decimal	13594643
CIE Lab	56.98, 31.97, 60.75
CIE LCh	57, 68.651, 62.246
Yxy	24.9008, 0.5248, 0.4130
Android (android.graphics.Color)	4291784723 (0xFFCF7013)
YUV	129.8030, -54.6259, 67.7018
Hunter-Lab	49.9007, 25.8587, 30.4747

Details

The Yxy color **24.9008, 0.5248, 0.4130** 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 **16.6497, 0.1836, 0.1743**, and the grayscale version is **22.4214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.6921, 0.4747, 0.4127**, and **9.5562, 0.5596, 0.3939** is the 20% darker color. If you saturate the color by 10%, you get **22.8592, 0.5433, 0.4068**, and if you desaturate by 10%, it is **27.4484, 0.5011, 0.4153**.

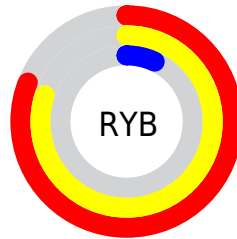
Distribution



Red (81%)

Green (44%)

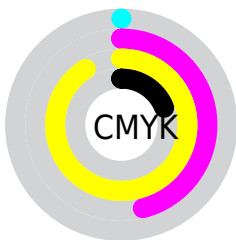
Blue (7%)



Red (81%)

Yellow (80%)

Blue (7%)

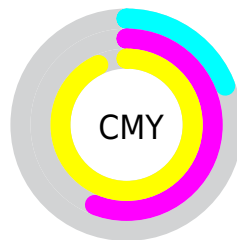


Cyan (0%)

Magenta (46%)

Yellow (91%)

Black (19%)



Cyan (19%)

Magenta (56%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9008, 0.5248, 0.4130 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 24.9008, 0.5248, 0.4130 by changing the saturation by 10% instead.


 24.9008, 0.5248,
0.4130


 24.9008, 0.5248,
0.4130


277.3436, 0.4161,
0.3831


 16.0032, 0.5484,
0.4131


 51.4962, 0.4869,
0.4069


 9.5264, 0.5794,
0.4115


 69.9628, 0.4720,
0.4031


 5.0861, 0.6051,
0.3949

 92.3879, 0.4592,
0.3992

 2.2979, 0.6359,
0.3641

 119.1558, 0.4481,
0.3955

 0.7726, 0.6888,
0.3112

 150.6509, 0.4385,
0.3920

 0.0000, 1.0000,
0.0000

 187.2576, 0.4301,

 0.0000, 0.0000,

0.3888


0.0000

 229.3604, 0.4227,
0.3858


 24.9008, 0.5248,
0.4130


 24.9008, 0.5248,
0.4130


 22.8592, 0.5433,
0.4068

 27.4484, 0.5011,
0.4153

 30.3462, 0.4745,
0.4123

 33.6145, 0.4468,
0.4049

 37.2702, 0.4194,
0.3944

 41.3286, 0.3937,
0.3820

■ 45.8042, 0.3701,
0.3687

■ 50.7102, 0.3490,
0.3554

■ 56.0596, 0.3303,
0.3424

■ 61.8645, 0.3140,
0.3300

Harmonies

Analogous

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



24.9008, 0.5324, 0.3370



24.9008, 0.5248, 0.4130



24.9008, 0.4566, 0.4929

Triad

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



24.9008, 0.5248, 0.4130



24.9008, 0.1738, 0.3825



24.9008, 0.2312, 0.1748

Complementary

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



24.9008, 0.5248, 0.4130



16.6497, 0.1836, 0.1743

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.



24.9008, 0.1627, 0.1669



24.9008, 0.5248, 0.4130



24.9008, 0.1335, 0.2592

Square

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



24.9008, 0.5248, 0.4130



24.9008, 0.2559, 0.5125



24.9008, 0.1315, 0.1909



24.9008, 0.3390, 0.2100

Rectangle

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



24.9008, 0.5248, 0.4130



24.9008, 0.3933, 0.5359



24.9008, 0.1315, 0.1909



24.9008, 0.2038, 0.1690

Sweetspot

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



24.9021, 0.5248, 0.4130



76.1205, 0.3623, 0.3640



14.9895, 0.4695, 0.2417



15.7278, 0.3699, 0.3686



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.



24.9021, 0.5248, 0.4130



36.2417, 0.5451, 0.4054



56.4283, 0.4201, 0.5001



12.7610, 0.3278, 0.3405



14.5926, 0.5411, 0.4085



0.9746, 0.5129, 0.4309

Inverse Universe

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



16.6497, 0.1836, 0.1743



22.8588, 0.1767, 0.1562



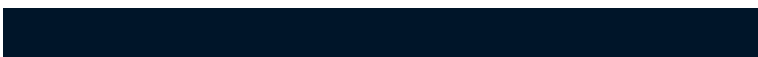
5.2173, 0.1546, 0.0683



12.3902, 0.2982, 0.3172



9.3330, 0.1779, 0.1606



0.6805, 0.1871, 0.1936

Previews

White Background



This preview shows how the Yxy color 24.9008, 0.5248, 0.4130 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 24.9008, 0.5248, 0.4130 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 24.9008, 0.5248, 0.4130

Background



This preview shows how black text looks on a background with the Yxy color 24.9008, 0.5248, 0.4130.



This preview shows how white text looks on a background with the Yxy color 24.9008, 0.5248, 0.4130.

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

24.9008, 0.5248, 0.4130

Protanopia

25.2201, 0.4329, 0.4790

Deuteranopia

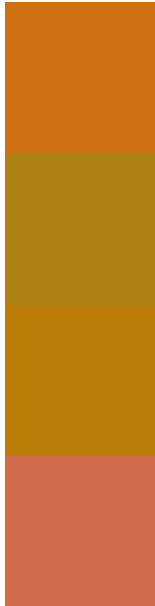
24.9639, 0.4721, 0.4633



Tritanopia

24.9194, 0.4456, 0.3196

Trichromacy



Original Color

24.9008, 0.5248, 0.4130

Protanomaly

24.7610, 0.4674, 0.4546

Deuteranomaly

24.6204, 0.4932, 0.4436

Tritanomaly

24.7671, 0.4869, 0.3631

Monochromacy



Original Color

24.9008, 0.5248, 0.4130

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.1732, 0.3975, 0.3827

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9008, 0.5248, 0.4130 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(207, 112, 19)` looks like.

```
.text, #text, p{  
    color:rgb(207, 112, 19)  
}
```

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(207, 112, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 112, 19) }
```

Border

The CSS property to change the border of an element to Yxy 24.9008, 0.5248, 0.4130 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(207, 112, 19) }
```

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

```
.border{ border-color:rgb(207, 112, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 112, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 112, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 112, 19);  
box-shadow:4px 4px 4px 4px rgb(207, 112,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9008, 0.5248, 0.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 112, 19) }
```

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

```
.background{ background-color: rgb(207,  
112, 19) }
```

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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