

Converting Colors

$Yxy(24.6307, 0.5161, 0.3969)$

Have a look what the booklet for
Yxy(24.6307, 0.5161, 0.3969)
contains.

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Color

Yxy(24.5216, 0.5167, 0.3969)

Conversions

Conversions Part 1

Format	Color
Hex	D06D2B
RGB	208, 109, 43
RGB Percent	82%, 43%, 17%
CMY	0.1842, 0.5726, 0.8313
CMYK	0.00, 0.48, 0.79, 0.18
HSL	24°, 66%, 49%
HSV	24°, 79%, 82%
XYZ	31.9232, 24.5216, 5.3380
YIQ	131.0770, 80.1900, 0.4620

Conversions

Conversions Part 2

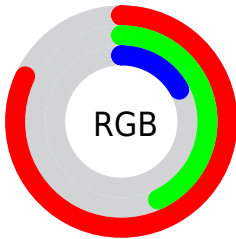
Format	Color
R _Y B	208, 153, 43
Decimal	13659435
CIE Lab	56.61, 34.60, 51.98
CIE LCh	57, 62.446, 56.354
Yxy	24.5216, 0.5167, 0.3969
Android (android.graphics.Color)	4291849515 (0xFFD06D2B)
YUV	131.0770, -43.4220, 67.4615
Hunter-Lab	49.5193, 28.4133, 28.2722

Details

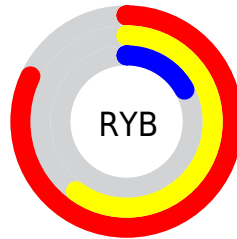
The Yxy color **24.5216, 0.5167, 0.3969** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **24.4339, 0.2011, 0.2226**, and the grayscale version is **22.8633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8910, 0.4652, 0.3969**, and **9.3310, 0.5662, 0.3886** is the 20% darker color. If you saturate the color by 10%, you get **21.9300, 0.5454, 0.3935**, and if you desaturate by 10%, it is **27.5721, 0.4850, 0.3952**.

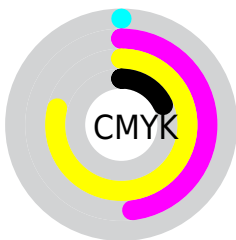
Distribution



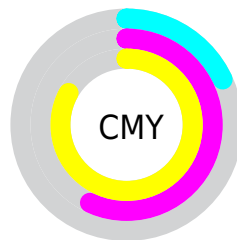
- Red (82%)
- Green (43%)
- Blue (17%)



- Red (82%)
- Yellow (60%)
- Blue (17%)



- Cyan (0%)
- Magenta (48%)
- Yellow (79%)
- Black (18%)





- Cyan (18%)
- Magenta (57%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5216, 0.5167, 0.3969 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 24.5216, 0.5167, 0.3969 by changing the saturation by 10% instead.


 24.5216, 0.5167,
0.3969


 24.5216, 0.5167,
0.3969


275.4470, 0.4088,
0.3722

 15.7210, 0.5424,
0.3974


 50.8800, 0.4776,
0.3916

 9.3269, 0.5732,
0.3939


 69.2067, 0.4627,
0.3884


 4.9550, 0.6147,
0.3853

 91.4774, 0.4501,
0.3852

 2.2209, 0.6478,
0.3522

 118.0767, 0.4394,
0.3822

 0.7314, 0.7053,
0.2947

 149.3889, 0.4301,
0.3794

 0.0000, 1.0000,
0.0000

 185.7985, 0.4221,

 0.0000, 0.0000,

0.3768

0.0000

227.6897, 0.4150,
0.3744

■ 24.5216, 0.5167,
0.3969

■ 24.5216, 0.5167,
0.3969

■ 21.9300, 0.5454,
0.3935

■ 27.5721, 0.4850,
0.3952

■ 19.7598, 0.5695,
0.3854

■ 31.1028, 0.4527,
0.3894

■ 19.6255, 0.5710,
0.3848

■ 35.1381, 0.4219,
0.3807

■ 39.6992, 0.3937,
0.3705

■ 44.8057, 0.3687,
0.3596

■ 50.4764, 0.3468,
0.3488

■ 56.7289, 0.3279,
0.3382

■ 63.5800, 0.3117,
0.3283

■ 71.0460, 0.2978,
0.3192

Harmonies

Analogous

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



24.5216, 0.5070, 0.3257



24.5216, 0.5167, 0.3969



24.5216, 0.4645, 0.4706

Triad

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



24.5216, 0.5167, 0.3969



24.5216, 0.1971, 0.4038



24.5216, 0.2219, 0.1810

Complementary

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



24.5216, 0.5167, 0.3969



24.4339, 0.2011, 0.2226

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.



24.5216, 0.1641, 0.1794



24.5216, 0.5167, 0.3969



24.5216, 0.1499, 0.2849

Square

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



24.5216, 0.5167, 0.3969



24.5216, 0.2807, 0.5092



24.5216, 0.1406, 0.2103



24.5216, 0.3159, 0.2096

Rectangle

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



24.5216, 0.5167, 0.3969



24.5216, 0.4091, 0.5119



24.5216, 0.1406, 0.2103



24.5216, 0.1986, 0.1773

Sweetspot

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



24.5229, 0.5167, 0.3969



75.4271, 0.3573, 0.3541



17.1806, 0.4127, 0.2217



15.4634, 0.3654, 0.3581



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.



24.5229, 0.5167, 0.3969



32.3532, 0.5620, 0.3882



49.8875, 0.4287, 0.4794



12.5728, 0.3281, 0.3383



12.4058, 0.5685, 0.3868



0.8472, 0.5350, 0.4134

Inverse Universe

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



24.4339, 0.2011, 0.2226



31.8101, 0.1887, 0.1971



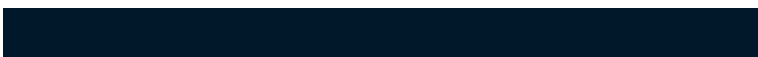
8.5445, 0.1696, 0.1026



12.5810, 0.2983, 0.3195



12.1491, 0.1871, 0.1934



0.8323, 0.1947, 0.2209

Previews

White Background



This preview shows how the Yxy color 24.5216, 0.5167, 0.3969 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 24.5216, 0.5167, 0.3969 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 24.5216, 0.5167, 0.3969

Background



This preview shows how black text looks on a background with the Yxy color 24.5216, 0.5167, 0.3969.



This preview shows how white text looks on a background with the Yxy color 24.5216, 0.5167, 0.3969.

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

24.5216, 0.5167, 0.3969

Protanopia

24.7970, 0.4170, 0.4602

Deuteranopia

24.4858, 0.4578, 0.4490



Tritanopia

24.4558, 0.4511, 0.3209

Trichromacy



Original Color

24.5216, 0.5167, 0.3969

Protanomaly

24.1546, 0.4542, 0.4368

Deuteranomaly

24.2559, 0.4793, 0.4291

Tritanomaly

24.4607, 0.4801, 0.3530

Monochromacy



Original Color

24.5216, 0.5167, 0.3969

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.4377, 0.3877, 0.3681

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5216, 0.5167, 0.3969 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(208, 109, 43)` looks like.

```
.text, #text, p{  
    color:rgb(208, 109, 43)  
}
```

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(208, 109, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 109, 43) }
```

Border

The CSS property to change the border of an element to Yxy 24.5216, 0.5167, 0.3969 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(208, 109, 43) }
```

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

```
.border{ border-color:rgb(208, 109, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 109, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 109, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 109, 43);  
box-shadow:4px 4px 4px 4px rgb(208, 109,  
43) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5216, 0.5167, 0.3969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 109, 43) }
```

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

```
.background{ background-color: rgb(208,  
109, 43) }
```

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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