

Converting Colors

$Y_{xy}(26.6271, 0.5265, 0.4198)$

Have a look what the booklet for
Yxy(26.6271, 0.5265, 0.4198)
contains.

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Color

Yxy(26.7218, 0.5265, 0.4198)

Conversions

Conversions Part 1

Format	Color
Hex	D47501
RGB	212, 117, 1
RGB Percent	83%, 46%, 0%
CMY	0.1687, 0.5411, 0.9963
CMYK	0.00, 0.45, 1.00, 0.17
HSL	33°, 99%, 42%
HSV	33°, 100%, 83%
XYZ	33.5136, 26.7218, 3.4182
YIQ	132.1810, 93.8560, -15.9360

Conversions

Conversions Part 2

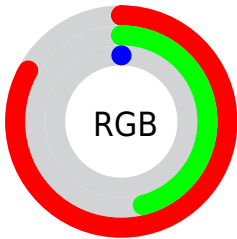
Format	Color
RYB	174, 212, 1
Decimal	13923585
CIELab	58.72, 31.18, 65.73
CIELCh	59, 72.751, 64.618
Yxy	26.7218, 0.5265, 0.4198
Android (android.graphics.Color)	4292113665 (0xFFD47501)
YUV	132.1810, -64.6722, 70.0013
Hunter-Lab	51.6931, 25.2620, 32.2647

Details

The Yxy color **26.7218, 0.5265, 0.4198** 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 **13.1058, 0.1725, 0.1407**, and the grayscale version is **23.3552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.4268, 0.4749, 0.4227**, and **10.5936, 0.5546, 0.3978** is the 20% darker color. If you saturate the color by 10%, you get **26.6229, 0.5273, 0.4195**, and if you desaturate by 10%, it is **29.1173, 0.5084, 0.4251**.

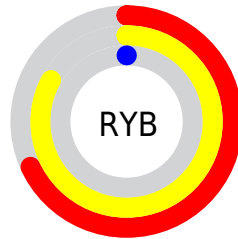
Distribution



Red (83%)

Green (46%)

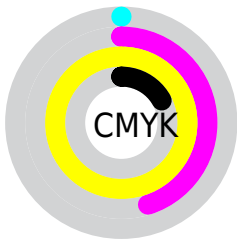
Blue (0%)



Red (68%)

Yellow (83%)

Blue (0%)

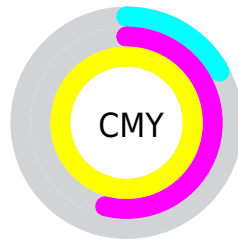


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (17%)



Cyan (17%)


Magenta (54%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7218, 0.5265, 0.4198 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 26.7218, 0.5265, 0.4198 by changing the saturation by 10% instead.


 26.7218, 0.5265,
0.4198


 26.7218, 0.5265,
0.4198


286.3076, 0.4198,
0.3883


 17.3644, 0.5484,
0.4199


 54.4371, 0.4903,
0.4136

 10.4946, 0.5781,
0.4190


 73.5638, 0.4757,
0.4096

 5.7281, 0.5985,
0.4015

 96.7158, 0.4631,
0.4055

 2.6805, 0.6265,
0.3735

 124.2773, 0.4521,
0.4016

 0.9673, 0.6725,
0.3275

 156.6329, 0.4424,
0.3979


 0.0000, 1.0000,
0.0000

 194.1668, 0.4340,

 0.0000, 0.0000,


0.3944


0.0000

 237.2636, 0.4265,
0.3912


 26.7218, 0.5265,
0.4198


 26.7218, 0.5265,
0.4198

 26.6229, 0.5273,
0.4195

 29.1173, 0.5084,
0.4251

 31.8063, 0.4870,
0.4255

 34.8155, 0.4629,
0.4207

 38.1618, 0.4376,
0.4117

 41.8601, 0.4124,
0.3996

■ 45.9243, 0.3884,
0.3858

■ 50.3670, 0.3661,
0.3711

■ 55.2002, 0.3460,
0.3563

■ 60.4350, 0.3280,
0.3420

Harmonies

Analogous

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



26.7218, 0.5417, 0.3417



26.7218, 0.5265, 0.4198



26.7218, 0.4519, 0.5024

Triad

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



26.7218, 0.5265, 0.4198



26.7218, 0.1646, 0.3722



26.7218, 0.2359, 0.1728

Complementary

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



26.7218, 0.5265, 0.4198



13.1058, 0.1725, 0.1407

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.



26.7218, 0.1629, 0.1623



26.7218, 0.5265, 0.4198



26.7218, 0.1275, 0.2486

Square

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



26.7218, 0.5265, 0.4198



26.7218, 0.2453, 0.5120



26.7218, 0.1285, 0.1835



26.7218, 0.3496, 0.2107

Rectangle

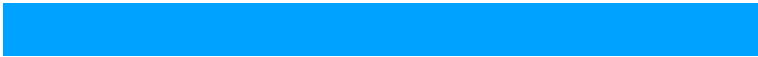
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.7218, 0.5265, 0.4198



26.7218, 0.3857, 0.5458



26.7218, 0.1285, 0.1835



26.7218, 0.2068, 0.1661

Sweetspot

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



26.7232, 0.5265, 0.4198



75.9848, 0.3677, 0.3722



14.8572, 0.5180, 0.2630



15.6371, 0.3770, 0.3785



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.



26.7232, 0.5265, 0.4198



40.0922, 0.5287, 0.4184



59.5557, 0.4105, 0.5121



13.5418, 0.3277, 0.3418



16.6419, 0.5253, 0.4211



1.1681, 0.5021, 0.4395

Inverse Universe

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



13.1058, 0.1725, 0.1407



19.4222, 0.1717, 0.1381



4.8474, 0.1515, 0.0610



12.9197, 0.2982, 0.3158



8.2249, 0.1729, 0.1425



0.6600, 0.1822, 0.1758

Previews

White Background



This preview shows how the Yxy color 26.7218, 0.5265, 0.4198 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 26.7218, 0.5265, 0.4198 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 26.7218, 0.5265, 0.4198

Background



This preview shows how black text looks on a background with the Yxy color 26.7218, 0.5265, 0.4198.



This preview shows how white text looks on a background with the Yxy color 26.7218, 0.5265, 0.4198.

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

26.7218, 0.5265, 0.4198

Protanopia

26.8601, 0.4368, 0.4834

Deuteranopia

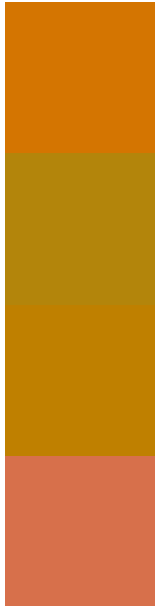
26.9117, 0.4705, 0.4646



Tritanopia

26.8206, 0.4411, 0.3198

Trichromacy



Original Color

26.7218, 0.5265, 0.4198

Protanomaly

26.3829, 0.4710, 0.4596

Deuteranomaly

26.5147, 0.4925, 0.4471

Tritanomaly

26.5434, 0.4903, 0.3709

Monochromacy



Original Color

26.7218, 0.5265, 0.4198

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.3959, 0.4054, 0.3970

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7218, 0.5265, 0.4198 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(212, 117, 1)` looks like.

```
.text, #text, p{  
    color:rgb(212, 117, 1)  
}
```

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(212, 117, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 117, 1) }
```

Border

The CSS property to change the border of an element to Yxy 26.7218, 0.5265, 0.4198 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(212, 117, 1) }
```

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

```
.border{ border-color:rgb(212, 117, 1) }
```

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

Here you see how a box with a 4 pixel rgb(212, 117, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 117, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 117, 1);  
box-shadow:4px 4px 4px 4px rgb(212, 117,  
1) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7218, 0.5265, 0.4198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 117, 1) }
```

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

```
.background{ background-color: rgb(212,  
117, 1) }
```

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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