

Converting Colors

$Y_{xy}(35.0604, 0.4970, 0.4436)$

Have a look what the booklet for
Yxy(35.0604, 0.4970, 0.4436)
contains.

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Color

Yxy(35.0066, 0.4968, 0.4438)

Conversions

Conversions Part 1

Format	Color
Hex	DB9000
RGB	219, 144, 0
RGB Percent	86%, 56%, 0%
CMY	0.1412, 0.4353, 1.0000
CMYK	0.00, 0.34, 1.00, 0.14
HSL	39°, 100%, 43%
HSV	39°, 100%, 86%
XYZ	39.1872, 35.0066, 4.6854
YIQ	150.0090, 90.9240, -28.8840

Conversions

Conversions Part 2

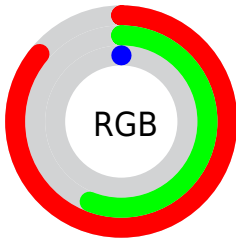
Format	Color
RYB	114, 219, 0
Decimal	14389248
CIELab	65.75, 19.75, 70.87
CIElCh	66, 73.571, 74.426
Yxy	35.0066, 0.4968, 0.4438
Android (android.graphics.Color)	4292579328 (0xFFDB9000)
YUV	150.0090, -73.9544, 60.5051
Hunter-Lab	59.1664, 14.6833, 36.7212

Details

The Yxy color **35.0066, 0.4968, 0.4438** 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 **10.1471, 0.1635, 0.1084**, and the grayscale version is **30.7961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1426, 0.4477, 0.4439**, and **15.2745, 0.5118, 0.4318** is the 20% darker color. If you saturate the color by 10%, you get **35.0088, 0.4968, 0.4438**, and if you desaturate by 10%, it is **37.4145, 0.4836, 0.4467**.

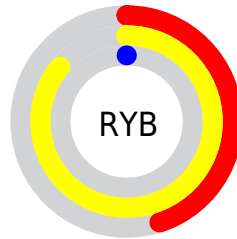
Distribution



Red (86%)

Green (56%)

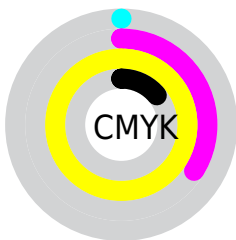
Blue (0%)



Red (45%)

Yellow (86%)

Blue (0%)

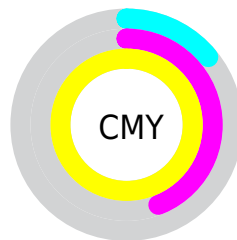


Cyan (0%)

Magenta (34%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0066, 0.4968, 0.4438 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 35.0066, 0.4968, 0.4438 by changing the saturation by 10% instead.

 35.0066, 0.4968,
0.4438


 35.0066, 0.4968,
0.4438


324.5975, 0.4102,
0.3987

 23.6680, 0.5134,
0.4486


 67.4960, 0.4685,
0.4319

 15.0875, 0.5318,
0.4514


 89.4155, 0.4568,
0.4260

 8.8808, 0.5508,
0.4492


 115.6308, 0.4465,
0.4205

 4.6635, 0.5650,
0.4350

 146.5263, 0.4374,
0.4153

 2.0512, 0.5875,
0.4125

 182.4863, 0.4294,
0.4106


 0.6370, 0.6359,
0.3641

 223.8952, 0.4222,

 0.0000, 1.0000,

0.4063


0.0000


 271.1375, 0.4159,
0.4024


 0.0000, 0.0000,
0.0000


 35.0066, 0.4968,
0.4438


 35.0066, 0.4968,
0.4438

 35.0088, 0.4968,
0.4438

 37.4145, 0.4836,
0.4467

 40.0392, 0.4675,
0.4450

 42.9072, 0.4486,
0.4383

 46.0330, 0.4279,
0.4273

 49.4295, 0.4064,
0.4131

■ 53.1081, 0.3852,
0.3969

■ 57.0791, 0.3649,
0.3797

■ 61.3525, 0.3459,
0.3623

■ 65.9371, 0.3285,
0.3453

Harmonies

Analogous

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



35.0066, 0.5301, 0.3676



35.0066, 0.4968, 0.4438



35.0066, 0.4171, 0.5151

Triad

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



35.0066, 0.4968, 0.4438



35.0066, 0.1580, 0.3275



35.0066, 0.2727, 0.1906

Complementary

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



35.0066, 0.4968, 0.4438



10.1471, 0.1635, 0.1084

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.



35.0066, 0.1901, 0.1718



35.0066, 0.4968, 0.4438



35.0066, 0.1344, 0.2295

Square

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



35.0066, 0.4968, 0.4438



35.0066, 0.2226, 0.4594



35.0066, 0.1455, 0.1820



35.0066, 0.3866, 0.2347

Rectangle

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



35.0066, 0.4968, 0.4438



35.0066, 0.3519, 0.5396



35.0066, 0.1455, 0.1820



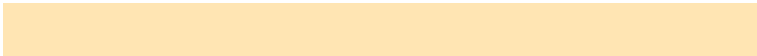
35.0066, 0.2408, 0.1813

Sweetspot

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



35.0088, 0.4968, 0.4438



80.4234, 0.3654, 0.3802



15.5919, 0.5605, 0.2861



16.6937, 0.3739, 0.3875



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.



35.0088, 0.4968, 0.4438



49.1444, 0.4976, 0.4431



61.1245, 0.3928, 0.5263



14.4738, 0.3275, 0.3443



20.9684, 0.4953, 0.4449



1.5163, 0.4798, 0.4572

Inverse Universe

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



10.1471, 0.1635, 0.1084



14.0896, 0.1630, 0.1069



5.4357, 0.1555, 0.0631



13.3426, 0.2981, 0.3132



6.2001, 0.1642, 0.1111



0.5588, 0.1734, 0.1441

Previews

White Background



This preview shows how the Yxy color 35.0066, 0.4968, 0.4438 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 35.0066, 0.4968, 0.4438 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.0066, 0.4968, 0.4438

Background



This preview shows how black text looks on a background with the Yxy color 35.0066, 0.4968, 0.4438.



This preview shows how white text looks on a background with the Yxy color 35.0066, 0.4968, 0.4438.

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

35.0066, 0.4968, 0.4438

Protanopia

35.3480, 0.4378, 0.4854

Deuteranopia

35.1530, 0.4724, 0.4631



Tritanopia

35.0714, 0.4038, 0.3174

Trichromacy



Original Color

35.0066, 0.4968, 0.4438

Protanomaly

35.0667, 0.4596, 0.4701

Deuteranomaly

35.0502, 0.4817, 0.4558

Tritanomaly

34.6376, 0.4569, 0.3818

Monochromacy



Original Color

35.0066, 0.4968, 0.4438

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.1200, 0.3956, 0.4058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0066, 0.4968, 0.4438 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(219, 144, 0)` looks like.

```
.text, #text, p{  
    color:rgb(219, 144, 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(219, 144, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 144, 0) }
```

Border

The CSS property to change the border of an element to Yxy 35.0066, 0.4968, 0.4438 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(219, 144, 0) }
```

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

```
.border{ border-color:rgb(219, 144, 0) }
```

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

Here you see how a box with a 4 pixel rgb(219, 144, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 144, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 144, 0);  
box-shadow:4px 4px 4px 4px rgb(219, 144,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0066, 0.4968, 0.4438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 144, 0) }
```

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

```
.background{ background-color: rgb(219,  
144, 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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