

Converting Colors

$Yxy(41.0797, 0.4641, 0.4535)$

Have a look what the booklet for
Yxy(41.0797, 0.4641, 0.4535)
contains.

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Color

Yxy(41.0797, 0.4641, 0.4535)

Conversions

Conversions Part 1

Format	Color
Hex	D9A325
RGB	217, 163, 37
RGB Percent	85%, 64%, 15%
CMY	0.1491, 0.3607, 0.8549
CMYK	0.00, 0.25, 0.83, 0.15
HSL	42°, 71%, 50%
HSV	42°, 83%, 85%
XYZ	42.0399, 41.0797, 7.4641
YIQ	164.7820, 72.6300, -27.7380

Conversions

Conversions Part 2

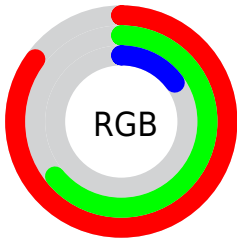
Format	Color
RYB	114, 217, 37
Decimal	14263077
CIELab	70.23, 9.27, 66.82
CIELCh	70, 67.462, 82.102
Yxy	41.0797, 0.4641, 0.4535
Android (android.graphics.Color)	4292453157 (0xFFD9A325)
YUV	164.7820, -62.9965, 45.7952
Hunter-Lab	64.0934, 4.9174, 37.9607

Details

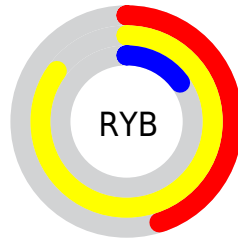
The Yxy color **41.0797, 0.4641, 0.4535** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **12.8771, 0.1753, 0.1326**, and the grayscale version is **37.7995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2110, 0.4232, 0.4472**, and **18.7564, 0.4800, 0.4571** is the 20% darker color. If you saturate the color by 10%, you get **38.7323, 0.4774, 0.4546**, and if you desaturate by 10%, it is **43.6309, 0.4478, 0.4474**.

Distribution



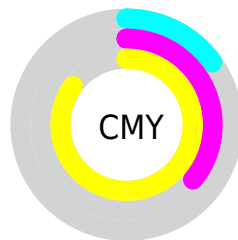
- Red (85%)
- Green (64%)
- Blue (15%)



- Red (45%)
- Yellow (85%)
- Blue (15%)



- Cyan (0%)
- Magenta (25%)
- Yellow (83%)
- Black (15%)




- Cyan (15%)
- Magenta (36%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0797, 0.4641, 0.4535 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 41.0797, 0.4641, 0.4535 by changing the saturation by 10% instead.


 41.0797, 0.4641,
0.4535

 41.0797, 0.4641,
0.4535

350.6536, 0.3939,
0.3996

 28.3814, 0.4778,
0.4624


 76.8049, 0.4411,
0.4370


 18.6133, 0.4926,
0.4708

 100.6005, 0.4316,
0.4298

 11.3912, 0.5116,
0.4809


 128.8640, 0.4233,
0.4233

 6.3306, 0.5214,
0.4786

 161.9798, 0.4159,
0.4175

 3.0471, 0.5305,
0.4695

 200.3322, 0.4094,
0.4123

 1.1564, 0.5463,
0.4537

 244.3058, 0.4037,

 0.0257, 0.9072,

0.4076

0.0928

294.2848, 0.3985,
0.4034

■ 0.0000, 0.0000,
0.0000

■ 41.0797, 0.4641,
0.4535

■ 41.0797, 0.4641,
0.4535

■ 38.7323, 0.4774,
0.4546

■ 43.6309, 0.4478,
0.4474

■ 37.1786, 0.4852,
0.4530

■ 46.3939, 0.4293,
0.4368

■ 49.3828, 0.4095,
0.4227

■ 52.6084, 0.3893,
0.4061

■ 56.0801, 0.3696,
0.3882

■ 59.8070, 0.3507,
0.3698

■ 63.7973, 0.3332,
0.3515

■ 68.0587, 0.3172,
0.3340

■ 72.5986, 0.3026,
0.3174

Harmonies

Analogous

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



41.0797, 0.5033, 0.3856



41.0797, 0.4641, 0.4535



41.0797, 0.3881, 0.5049

Triad

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



41.0797, 0.4641, 0.4535



41.0797, 0.1661, 0.3036



41.0797, 0.3024, 0.2129

Complementary

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



41.0797, 0.4641, 0.4535



12.8771, 0.1753, 0.1326

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.



41.0797, 0.2195, 0.1894



41.0797, 0.4641, 0.4535



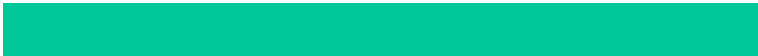
41.0797, 0.1517, 0.2276

Square

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



41.0797, 0.4641, 0.4535



41.0797, 0.2165, 0.4129



41.0797, 0.1696, 0.1924



41.0797, 0.4037, 0.2586

Rectangle

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



41.0797, 0.4641, 0.4535



41.0797, 0.3283, 0.5097



41.0797, 0.1696, 0.1924



41.0797, 0.2714, 0.2024

Sweetspot

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



41.0817, 0.4641, 0.4535



84.9591, 0.3549, 0.3740



16.8261, 0.5238, 0.2829



17.7744, 0.3616, 0.3805



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.



41.0817, 0.4641, 0.4535



53.3212, 0.4859, 0.4524



59.5646, 0.3854, 0.5194



14.5704, 0.3274, 0.3453



22.7059, 0.4840, 0.4539



1.6191, 0.4710, 0.4642

Inverse Universe

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



12.8771, 0.1753, 0.1326



12.4507, 0.1601, 0.0965



7.7485, 0.1771, 0.0861



13.2504, 0.2981, 0.3122



5.4872, 0.1612, 0.1004



0.5041, 0.1703, 0.1331

Previews

White Background



This preview shows how the Yxy color 41.0797, 0.4641, 0.4535 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 41.0797, 0.4641, 0.4535 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 41.0797, 0.4641, 0.4535

Background



This preview shows how black text looks on a background with the Yxy color 41.0797, 0.4641, 0.4535.



This preview shows how white text looks on a background with the Yxy color 41.0797, 0.4641, 0.4535.

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

41.0797, 0.4641, 0.4535

Protanopia

40.9890, 0.4316, 0.4768

Deuteranopia

41.0797, 0.4641, 0.4535



Tritanopia

41.1084, 0.3761, 0.3162

Trichromacy



Original Color

41.0797, 0.4641, 0.4535

Protanomaly

41.0724, 0.4436, 0.4684

Deuteranomaly

41.0797, 0.4641, 0.4535

Tritanomaly

40.5909, 0.4184, 0.3755

Monochromacy



Original Color

41.0797, 0.4641, 0.4535

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.0493, 0.3746, 0.3925

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0797, 0.4641, 0.4535 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(217, 163, 37)` looks like.

```
.text, #text, p{  
    color:rgb(217, 163, 37)  
}
```

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(217, 163, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 163, 37) }
```

Border

The CSS property to change the border of an element to Yxy 41.0797, 0.4641, 0.4535 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(217, 163, 37) }
```

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

```
.border{ border-color:rgb(217, 163, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 163, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 163, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 163, 37);  
box-shadow:4px 4px 4px 4px rgb(217, 163,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0797, 0.4641, 0.4535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 163, 37) }
```

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

```
.background{ background-color: rgb(217,  
163, 37) }
```

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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