

Converting Colors

$Y_{xy}(41.1082, 0.4626, 0.4516)$

Have a look what the booklet for
Yxy(41.1082, 0.4626, 0.4516)
contains.

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Color

Yxy(41.1062, 0.4626, 0.4516)

Conversions

Conversions Part 1

Format	Color
Hex	D9A329
RGB	217, 163, 41
RGB Percent	85%, 64%, 16%
CMY	0.1491, 0.3607, 0.8393
CMYK	0.00, 0.25, 0.81, 0.15
HSL	42°, 70%, 51%
HSV	42°, 81%, 85%
XYZ	42.1075, 41.1062, 7.8098
YIQ	165.2380, 71.3460, -26.4940

Conversions

Conversions Part 2

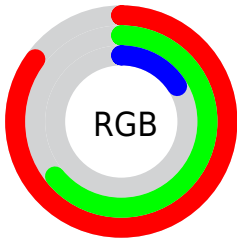
Format	Color
RYB	119, 217, 41
Decimal	14263081
CIELab	70.25, 9.39, 65.61
CIELCh	70, 66.279, 81.852
Yxy	41.1062, 0.4626, 0.4516
Android (android.graphics.Color)	4292453161 (0xFFD9A329)
YUV	165.2380, -61.2493, 45.3953
Hunter-Lab	64.1141, 5.0316, 37.6577

Details

The Yxy color **41.1062, 0.4626, 0.4516** 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 **13.6519, 0.1779, 0.1386**, and the grayscale version is **38.0207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2659, 0.4216, 0.4450**, and **18.7564, 0.4800, 0.4571** is the 20% darker color. If you saturate the color by 10%, you get **38.6954, 0.4767, 0.4535**, and if you desaturate by 10%, it is **43.7287, 0.4456, 0.4447**.

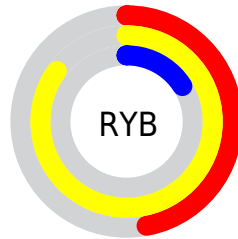
Distribution



Red (85%)

Green (64%)

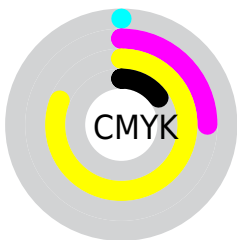
Blue (16%)



Red (47%)

Yellow (85%)

Blue (16%)

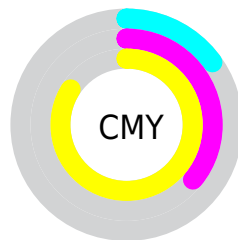


Cyan (0%)

Magenta (25%)

Yellow (81%)

Black (15%)



Cyan (15%)


Magenta (36%)


Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1062, 0.4626, 0.4516 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 41.1062, 0.4626, 0.4516 by changing the saturation by 10% instead.


 41.1062, 0.4626,
0.4516


 41.1062, 0.4626,
0.4516


350.7643, 0.3927,
0.3982


 28.4021, 0.4764,
0.4606


 76.8451, 0.4396,
0.4351

 18.6290, 0.4914,
0.4692


 100.6486, 0.4301,
0.4280


 11.4025, 0.5101,
0.4788


 128.9208, 0.4219,
0.4216

 6.3382, 0.5218,
0.4782

 162.0459, 0.4146,
0.4159

 3.0518, 0.5310,
0.4690

 200.4084, 0.4081,
0.4108

 1.1588, 0.5470,
0.4530

 244.3927, 0.4024,

 0.0277, 0.9022,

0.4062

0.0978

294.3832, 0.3973,
0.4020

■ 0.0000, 0.0000,
0.0000

■ 41.1062, 0.4626,
0.4516

■ 41.1062, 0.4626,
0.4516

■ 38.6954, 0.4767,
0.4535

■ 43.7287, 0.4456,
0.4447

■ 36.7063, 0.4870,
0.4515

■ 46.5707, 0.4265,
0.4335

■ 49.6461, 0.4063,
0.4190

■ 52.9654, 0.3860,
0.4023

■ 56.5382, 0.3662,
0.3843

■ 60.3734, 0.3475,
0.3661

■ 64.4793, 0.3302,
0.3481

■ 68.8637, 0.3144,
0.3309

■ 73.5340, 0.3001,
0.3146

Harmonies

Analogous

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



41.1062, 0.5004, 0.3848



41.1062, 0.4626, 0.4516



41.1062, 0.3881, 0.5018

Triad

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



41.1062, 0.4626, 0.4516



41.1062, 0.1685, 0.3051



41.1062, 0.3019, 0.2143

Complementary

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



41.1062, 0.4626, 0.4516



13.6519, 0.1779, 0.1386

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.



41.1062, 0.2204, 0.1913



41.1062, 0.4626, 0.4516



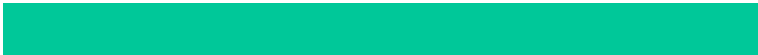
41.1062, 0.1539, 0.2298

Square

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



41.1062, 0.4626, 0.4516



41.1062, 0.2188, 0.4122



41.1062, 0.1713, 0.1946



41.1062, 0.4014, 0.2593

Rectangle

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



41.1062, 0.4626, 0.4516



41.1062, 0.3292, 0.5064



41.1062, 0.1713, 0.1946



41.1062, 0.2715, 0.2039

Sweetspot

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



41.1082, 0.4626, 0.4516



85.2733, 0.3532, 0.3717



17.1898, 0.5119, 0.2789



17.8263, 0.3599, 0.3783



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.



41.1082, 0.4626, 0.4516



53.5831, 0.4845, 0.4520



60.0523, 0.3875, 0.5155



14.5550, 0.3274, 0.3452



22.4200, 0.4858, 0.4525



1.6023, 0.4723, 0.4632

Inverse Universe

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



13.6519, 0.1779, 0.1386



13.5304, 0.1625, 0.1034



8.0184, 0.1778, 0.0887



13.2651, 0.2981, 0.3123



5.5937, 0.1617, 0.1021



0.5125, 0.1708, 0.1348

Previews

White Background



This preview shows how the Yxy color 41.1062, 0.4626, 0.4516 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 41.1062, 0.4626, 0.4516 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 41.1062, 0.4626, 0.4516

Background



This preview shows how black text looks on a background with the Yxy color 41.1062, 0.4626, 0.4516.



This preview shows how white text looks on a background with the Yxy color 41.1062, 0.4626, 0.4516.

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

41.1062, 0.4626, 0.4516

Protanopia

41.0169, 0.4301, 0.4745

Deuteranopia

40.9534, 0.4617, 0.4522



Tritanopia

40.9841, 0.3740, 0.3150

Trichromacy



Original Color

41.1062, 0.4626, 0.4516

Protanomaly

41.0997, 0.4421, 0.4663

Deuteranomaly

40.9534, 0.4617, 0.4522

Tritanomaly

40.4810, 0.4154, 0.3734

Monochromacy



Original Color

41.1062, 0.4626, 0.4516

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.0973, 0.3728, 0.3898

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1062, 0.4626, 0.4516 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, 41)` looks like.

```
.text, #text, p{  
    color:rgb(217, 163, 41)  
}
```

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, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 163, 41) }
```

Border

The CSS property to change the border of an element to Yxy 41.1062, 0.4626, 0.4516 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, 41) }
```

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

```
.border{ border-color:rgb(217, 163, 41) }
```

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, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 163, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 163, 41);  
box-shadow:4px 4px 4px 4px rgb(217, 163,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1062, 0.4626, 0.4516 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, 41) }
```

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

```
.background{ background-color: rgb(217,  
163, 41) }
```

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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