

Converting Colors

$Yxy(41.0681, 0.4695, 0.4466)$

Have a look what the booklet for
Yxy(41.0681, 0.4695, 0.4466)
contains.

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Color

Yxy(41.1794, 0.4692, 0.4466)

Conversions

Conversions Part 1

Format	Color
Hex	DEA129
RGB	222, 161, 41
RGB Percent	87%, 63%, 16%
CMY	0.1295, 0.3686, 0.8393
CMYK	0.00, 0.27, 0.82, 0.13
HSL	40°, 73%, 52%
HSV	40°, 82%, 87%
XYZ	43.2633, 41.1794, 7.7638
YIQ	165.5590, 74.8760, -24.3880

Conversions

Conversions Part 2

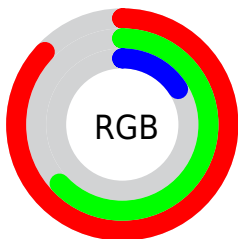
Format	Color
RYB	133, 222, 41
Decimal	14590249
CIELab	70.30, 12.63, 65.86
CIELCh	70, 67.061, 79.145
Yxy	41.1794, 0.4692, 0.4466
Android (android.graphics.Color)	4292780329 (0xFFDEA129)
YUV	165.5590, -61.4076, 49.4988
Hunter-Lab	64.1712, 8.0425, 37.7466

Details

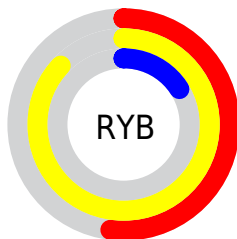
The Yxy color **41.1794, 0.4692, 0.4466** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **15.2339, 0.1792, 0.1449**, and the grayscale version is **38.1838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2348, 0.4229, 0.4434**, and **18.8332, 0.4891, 0.4499** is the 20% darker color. If you saturate the color by 10%, you get **38.5321, 0.4845, 0.4476**, and if you desaturate by 10%, it is **44.0743, 0.4509, 0.4405**.

Distribution



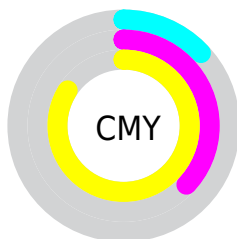
- Red (87%)
- Green (63%)
- Blue (16%)



- Red (52%)
- Yellow (87%)
- Blue (16%)



- Cyan (0%)
- Magenta (27%)
- Yellow (82%)
- Black (13%)




- Cyan (13%)
- Magenta (37%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1794, 0.4692, 0.4466 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 41.1794, 0.4692, 0.4466 by changing the saturation by 10% instead.

 41.1794, 0.4692,
0.4466


 41.1794, 0.4692,
0.4466


351.0699, 0.3960,
0.3965

 28.4593, 0.4838,
0.4546


 76.9562, 0.4450,
0.4315

 18.6722, 0.4998,
0.4619


 100.7816, 0.4351,
0.4248


 11.4336, 0.5199,
0.4697


 129.0776, 0.4264,
0.4188

 6.3593, 0.5333,
0.4667

 162.2285, 0.4188,
0.4134

 3.0648, 0.5454,
0.4546

 200.6189, 0.4121,
0.4085

 1.1656, 0.5661,
0.4339

 244.6329, 0.4061,

 0.0334, 0.9106,

0.4041

0.0894

294.6551, 0.4008,
0.4001

■ 0.0000, 0.0000,
0.0000

■ 41.1794, 0.4692,
0.4466

■ 41.1794, 0.4692,
0.4466

■ 38.5321, 0.4845,
0.4476

■ 44.0743, 0.4509,
0.4405

■ 36.4603, 0.4953,
0.4449

■ 47.2261, 0.4306,
0.4301

■ 50.6501, 0.4094,
0.4162

■ 54.3582, 0.3882,
0.4001

■ 58.3613, 0.3678,
0.3829

■ 62.6693, 0.3487,
0.3653

■ 67.2916, 0.3310,
0.3480

■ 72.2370, 0.3150,
0.3315

■ 77.5140, 0.3007,
0.3159

Harmonies

Analogous

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



41.1794, 0.5031, 0.3788



41.1794, 0.4692, 0.4466



41.1794, 0.3963, 0.5005

Triad

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



41.1794, 0.4692, 0.4466



41.1794, 0.1702, 0.3135



41.1794, 0.2931, 0.2102

Complementary

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



41.1794, 0.4692, 0.4466



15.2339, 0.1792, 0.1449

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.



41.1794, 0.2137, 0.1892



41.1794, 0.4692, 0.4466



41.1794, 0.1525, 0.2338

Square

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



41.1794, 0.4692, 0.4466



41.1794, 0.2241, 0.4230



41.1794, 0.1672, 0.1951



41.1794, 0.3934, 0.2538

Rectangle

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



41.1794, 0.4692, 0.4466



41.1794, 0.3373, 0.5099



41.1794, 0.1672, 0.1951



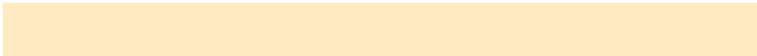
41.1794, 0.2632, 0.2004

Sweetspot

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



41.1815, 0.4692, 0.4466



84.2132, 0.3536, 0.3699



18.1162, 0.5029, 0.2726



17.5699, 0.3604, 0.3763



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.



41.1815, 0.4692, 0.4466



50.3354, 0.4936, 0.4452



63.9677, 0.3924, 0.5125



15.2113, 0.3275, 0.3445



21.8753, 0.4939, 0.4461



1.6796, 0.4795, 0.4575

Inverse Universe

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



15.2339, 0.1792, 0.1449



14.4415, 0.1640, 0.1091



8.0907, 0.1737, 0.0858



13.9939, 0.2981, 0.3130



6.2871, 0.1637, 0.1094



0.5972, 0.1724, 0.1405

Previews

White Background



This preview shows how the Yxy color 41.1794, 0.4692, 0.4466 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 41.1794, 0.4692, 0.4466 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 41.1794, 0.4692, 0.4466

Background



This preview shows how black text looks on a background with the Yxy color 41.1794, 0.4692, 0.4466.



This preview shows how white text looks on a background with the Yxy color 41.1794, 0.4692, 0.4466.

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

41.1794, 0.4692, 0.4466

Protanopia

41.4064, 0.4288, 0.4748

Deuteranopia

41.0993, 0.4630, 0.4521



Tritanopia

41.0439, 0.3828, 0.3164

Trichromacy



Original Color

41.1794, 0.4692, 0.4466

Protanomaly

41.3877, 0.4436, 0.4645

Deuteranomaly

41.0539, 0.4659, 0.4498

Tritanomaly

40.5643, 0.4235, 0.3724

Monochromacy



Original Color

41.1794, 0.4692, 0.4466

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.3705, 0.3739, 0.3880

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1794, 0.4692, 0.4466 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(222, 161, 41)` looks like.

```
.text, #text, p{  
    color:rgb(222, 161, 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(222, 161, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 161, 41) }
```

Border

The CSS property to change the border of an element to Yxy 41.1794, 0.4692, 0.4466 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(222, 161, 41) }
```

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

```
.border{ border-color:rgb(222, 161, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 161, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 161, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 161, 41);  
box-shadow:4px 4px 4px 4px rgb(222, 161,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1794, 0.4692, 0.4466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 161, 41) }
```

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

```
.background{ background-color: rgb(222,  
161, 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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