

Converting Colors

$Y_{xy}(41.3207, 0.4372, 0.4471)$

Have a look what the booklet for
Yxy(41.3207, 0.4372, 0.4471)
contains.

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Color

Yxy(41.2730, 0.4379, 0.4465)

Conversions

Conversions Part 1

Format	Color
Hex	CFA740
RGB	207, 167, 64
RGB Percent	81%, 65%, 25%
CMY	0.1882, 0.3451, 0.7490
CMYK	0.00, 0.19, 0.69, 0.19
HSL	43°, 60%, 53%
HSV	43°, 69%, 81%
XYZ	40.4780, 41.2730, 10.6857
YIQ	167.2180, 56.9030, -23.5530

Conversions

Conversions Part 2

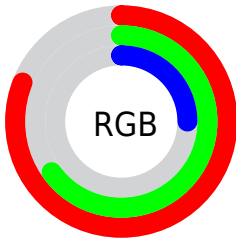
Format	Color
RYB	120, 207, 64
Decimal	13608768
CIELab	70.37, 3.91, 56.66
CIELCh	70, 56.791, 86.051
Yxy	41.2730, 0.4379, 0.4465
Android (android.graphics.Color)	4291798848 (0xFFCFA740)
YUV	167.2180, -50.8865, 34.8888
Hunter-Lab	64.2441, 0.0398, 35.1092

Details

The Yxy color **41.2730, 0.4379, 0.4465** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **15.5009, 0.1932, 0.1633**, and the grayscale version is **38.9898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7869, 0.4082, 0.4325**, and **18.6510, 0.4655, 0.4686** is the 20% darker color. If you saturate the color by 10%, you get **39.0066, 0.4543, 0.4549**, and if you desaturate by 10%, it is **43.7259, 0.4196, 0.4340**.

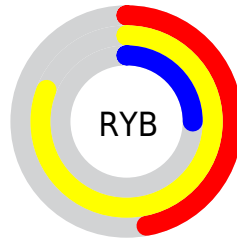
Distribution



Red (81%)

Green (65%)

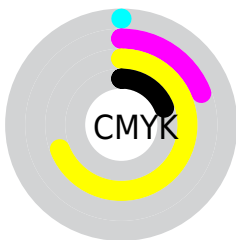
Blue (25%)



Red (47%)

Yellow (81%)

Blue (25%)

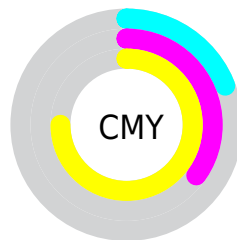


Cyan (0%)

Magenta (19%)

Yellow (69%)

Black (19%)



Cyan (19%)


Magenta (35%)

Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2730, 0.4379, 0.4465 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 41.2730, 0.4379, 0.4465 by changing the saturation by 10% instead.

 41.2730, 0.4379,
0.4465


 41.2730, 0.4379,
0.4465


351.4603, 0.3782,
0.3919


 28.5325, 0.4505,
0.4574


 77.0981, 0.4177,
0.4284

 18.7274, 0.4648,
0.4695


 100.9515, 0.4096,
0.4210

 11.4735, 0.4803,
0.4817


 129.2780, 0.4026,
0.4146

 6.3863, 0.5018,
0.4982

 162.4620, 0.3964,
0.4089

 3.0813, 0.5058,
0.4942

 200.8878, 0.3910,
0.4039

 1.1743, 0.5127,
0.4873

244.9398, 0.3863,

 0.0406, 0.7675,

0.3994

0.2325

295.0026, 0.3820,
0.3954

0.0000, 0.0000,
0.0000

41.2730, 0.4379,
0.4465

41.2730, 0.4379,
0.4465

39.0066, 0.4543,
0.4549

43.7259, 0.4196,
0.4340

36.9092, 0.4679,
0.4584

46.3691, 0.4002,
0.4185

34.9647, 0.4787,
0.4575

49.2135, 0.3806,
0.4009

34.7904, 0.4797,
0.4573

52.2670, 0.3616,
0.3823

55.5372, 0.3435,
0.3635

■ 59.0310, 0.3267,
0.3451

■ 62.7548, 0.3114,
0.3274

■ 66.7149, 0.2974,
0.3108

■ 70.9172, 0.2849,
0.2953

Harmonies

Analogous

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



41.2730, 0.4740, 0.3902



41.2730, 0.4379, 0.4465



41.2730, 0.3709, 0.4805

Triad

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



41.2730, 0.4379, 0.4465



41.2730, 0.1827, 0.2991



41.2730, 0.3159, 0.2324

Complementary

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



41.2730, 0.4379, 0.4465



15.5009, 0.1932, 0.1633

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.



41.2730, 0.2410, 0.2088



41.2730, 0.4379, 0.4465



41.2730, 0.1728, 0.2375

Square

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



41.2730, 0.4379, 0.4465



41.2730, 0.2241, 0.3869



41.2730, 0.1924, 0.2090



41.2730, 0.4004, 0.2754

Rectangle

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



41.2730, 0.4379, 0.4465



41.2730, 0.3187, 0.4754



41.2730, 0.1924, 0.2090



41.2730, 0.2886, 0.2221

Sweetspot

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



41.2750, 0.4379, 0.4465



87.8292, 0.3474, 0.3676



17.9454, 0.4765, 0.2841



18.4826, 0.3524, 0.3728



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.



41.2750, 0.4379, 0.4465



60.8207, 0.4614, 0.4572



54.2322, 0.3791, 0.4997



13.2151, 0.3273, 0.3457



22.0848, 0.4787, 0.4581



1.3651, 0.4654, 0.4687

Inverse Universe

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



15.5009, 0.1932, 0.1633



17.3550, 0.1731, 0.1258



10.6069, 0.2012, 0.1198



11.9485, 0.2982, 0.3118



4.8782, 0.1601, 0.0962



0.4077, 0.1704, 0.1332

Previews

White Background



This preview shows how the Yxy color 41.2730, 0.4379, 0.4465 looks on a white background.

Color Contrast Check

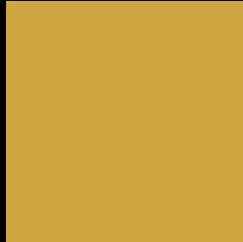
Large Text (above 18pt) WCAG AA × Fail

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 41.2730, 0.4379, 0.4465 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 41.2730, 0.4379, 0.4465

Background



This preview shows how black text looks on a background with the Yxy color 41.2730, 0.4379, 0.4465.



This preview shows how white text looks on a background with the Yxy color 41.2730, 0.4379, 0.4465.

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

41.2730, 0.4379, 0.4465

Protanopia

41.4870, 0.4170, 0.4593

Deuteranopia

41.3796, 0.4476, 0.4384



Tritanopia

41.0512, 0.3599, 0.3145

Trichromacy



Original Color

41.2730, 0.4379, 0.4465

Protanomaly

41.3778, 0.4241, 0.4553

Deuteranomaly

41.2890, 0.4439, 0.4410

Tritanomaly

40.7504, 0.3935, 0.3665

Monochromacy



Original Color

41.2730, 0.4379, 0.4465

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.1942, 0.3604, 0.3803

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2730, 0.4379, 0.4465 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(207, 167, 64)` looks like.

```
.text, #text, p{  
    color:rgb(207, 167, 64)  
}
```

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(207, 167, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 167, 64) }
```

Border

The CSS property to change the border of an element to Yxy 41.2730, 0.4379, 0.4465 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(207, 167, 64) }
```

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

```
.border{ border-color:rgb(207, 167, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 167, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 167, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 167, 64);  
box-shadow:4px 4px 4px 4px rgb(207, 167,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2730, 0.4379, 0.4465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 167, 64) }
```

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

```
.background{ background-color: rgb(207,  
167, 64) }
```

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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