

Converting Colors

$Yxy(66.1719, 0.4170, 0.4202)$

Have a look what the booklet for
Yxy(66.1719, 0.4170, 0.4202)
contains.

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Color

Yxy(66.2631, 0.4170, 0.4208)

Conversions

Conversions Part 1

Format	Color
Hex	FDCE73
RGB	253, 206, 115
RGB Percent	99%, 81%, 45%
CMY	0.0080, 0.1921, 0.5491
CMYK	0.00, 0.19, 0.55, 0.01
HSL	40°, 97%, 72%
HSV	40°, 55%, 99%
XYZ	65.6647, 66.2631, 25.5415
YIQ	209.6790, 57.2230, -18.3370

Conversions

Conversions Part 2

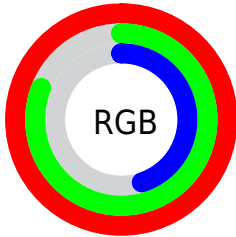
Format	Color
RYB	186, 253, 115
Decimal	16633459
CIELab	85.13, 6.11, 51.02
CIELCh	85, 51.381, 83.176
Yxy	66.2631, 0.4170, 0.4208
Android (android.graphics.Color)	4294823539 (0xFFFDCE73)
YUV	209.6790, -46.6767, 37.9925
Hunter-Lab	81.4021, 1.5369, 38.3781

Details

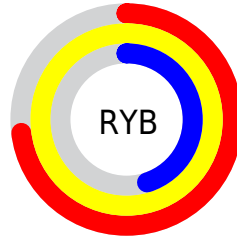
The Yxy color **66.2631, 0.4170, 0.4208** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.5489, 0.2189, 0.2122**, and the grayscale version is **64.5102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6446, 0.3638, 0.4134**, and **34.2847, 0.4397, 0.4386** is the 20% darker color. If you saturate the color by 10%, you get **61.7298, 0.4383, 0.4337**, and if you desaturate by 10%, it is **71.1895, 0.3954, 0.4053**.

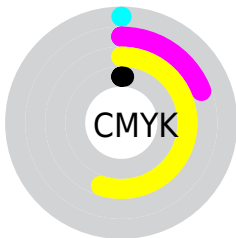
Distribution



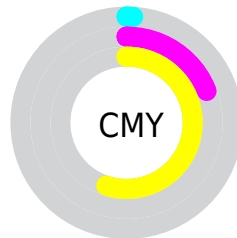
- Red (99%)
- Green (81%)
- Blue (45%)



- Red (73%)
- Yellow (99%)
- Blue (45%)



- Cyan (0%)
- Magenta (19%)
- Yellow (55%)
- Black (1%)





- Cyan (1%)
- Magenta (19%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.2631, 0.4170, 0.4208 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 66.2631, 0.4170, 0.4208 by changing the saturation by 10% instead.


 66.2631, 0.4170,
0.4208


 66.2631, 0.4170,
0.4208


447.3172, 0.3696,
0.3804

 48.4860, 0.4271,
0.4290


 113.8639, 0.4010,
0.4075

 34.2119, 0.4390,
0.4385


 144.4563, 0.3947,
0.4021

 23.0565, 0.4532,
0.4494


 180.0894, 0.3891,
0.3973

 14.6352, 0.4697,
0.4613

221.1474, 0.3842,
0.3931

 8.5638, 0.4890,
0.4740

268.0148, 0.3799,
0.3894

 4.4578, 0.5127,
0.4873

321.0760, 0.3761,

 1.9328, 0.5207,

0.3861

0.4793

380.7153, 0.3727,
0.3831

■ 0.5680, 0.5481,
0.4519

■ 0.0000, 0.0000,
0.0000

■ 66.2631, 0.4170,
0.4208

■ 66.2631, 0.4170,
0.4208

■ 61.7298, 0.4383,
0.4337

■ 71.1895, 0.3954,
0.4053

■ 57.5630, 0.4583,
0.4427

■ 76.5148, 0.3745,
0.3883

■ 53.7467, 0.4759,
0.4469

■ 82.2564, 0.3547,
0.3707

■ 50.2578, 0.4902,
0.4459

■ 88.4276, 0.3364,
0.3532

■ 48.4774, 0.4969,
0.4436

■ 95.0409, 0.3197,
0.3364

99.6170, 0.3115,
0.3290

Harmonies

Analogous

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



66.2631, 0.4398, 0.3770



66.2631, 0.4170, 0.4208



66.2631, 0.3669, 0.4452

Triad

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



66.2631, 0.4170, 0.4208



66.2631, 0.2114, 0.3138



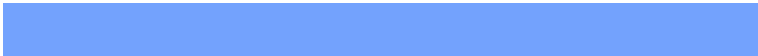
66.2631, 0.3099, 0.2488

Complementary

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



66.2631, 0.4170, 0.4208



36.5489, 0.2189, 0.2122

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.



66.2631, 0.2518, 0.2313



66.2631, 0.4170, 0.4208



66.2631, 0.1998, 0.2619

Square

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



66.2631, 0.4170, 0.4208



66.2631, 0.2485, 0.3798



66.2631, 0.2137, 0.2346



66.2631, 0.3751, 0.2831

Rectangle

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



66.2631, 0.4170, 0.4208



66.2631, 0.3260, 0.4414



66.2631, 0.2137, 0.2346



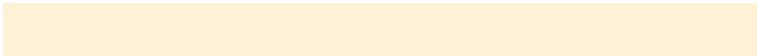
66.2631, 0.2889, 0.2409

Sweetspot

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



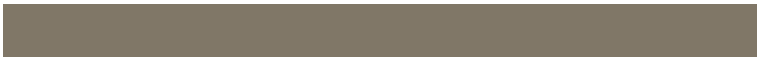
66.2663, 0.4170, 0.4208



89.1058, 0.3389, 0.3557



35.7878, 0.4163, 0.2797



18.7904, 0.3426, 0.3593



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.



66.2663, 0.4170, 0.4208



62.6508, 0.4393, 0.4342



88.6700, 0.3771, 0.4672



19.9887, 0.3278, 0.3446



26.0763, 0.4953, 0.4449



2.7418, 0.4844, 0.4536

Inverse Universe

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



36.5489, 0.2189, 0.2122



29.8047, 0.2015, 0.1853



24.5537, 0.2200, 0.1591



18.3879, 0.2979, 0.3129



7.5614, 0.1637, 0.1093



0.9294, 0.1699, 0.1317

Previews

White Background



This preview shows how the Yxy color 66.2631, 0.4170, 0.4208 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 66.2631, 0.4170, 0.4208 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 66.2631, 0.4170, 0.4208

Background



This preview shows how black text looks on a background with the Yxy color 66.2631, 0.4170, 0.4208.



This preview shows how white text looks on a background with the Yxy color 66.2631, 0.4170, 0.4208.

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

66.2631, 0.4170, 0.4208

Protanopia

66.3653, 0.3964, 0.4317

Deuteranopia

66.1392, 0.4074, 0.4018



Tritanopia

66.3013, 0.3491, 0.3168

Trichromacy



Original Color

66.2631, 0.4170, 0.4208

Protanomaly

66.0549, 0.4043, 0.4275

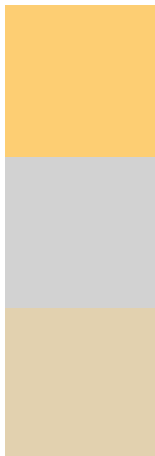
Deuteranomaly

66.2398, 0.4110, 0.4096

Tritanomaly

65.9393, 0.3755, 0.3563

Monochromacy



Original Color

66.2631, 0.4170, 0.4208

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.8648, 0.3506, 0.3673

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2631, 0.4170, 0.4208 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(253, 206, 115)` looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 115)  
}
```

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(253, 206, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 115) }
```

Border

The CSS property to change the border of an element to Yxy 66.2631, 0.4170, 0.4208 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(253, 206, 115) }
```

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

```
.border{ border-color:rgb(253, 206, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 206, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 206, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 206, 115);  
box-shadow:4px 4px 4px 4px rgb(253, 206,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2631, 0.4170, 0.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 206, 115) }
```

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

```
.background{ background-color: rgb(253,  
206, 115) }
```

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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