

Converting Colors

$Yxy(88.6574, 0.4592, 0.4051)$

Have a look what the booklet for
Yxy(88.6574, 0.4592, 0.4051)
contains.

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Color

Yxy(72.7589, 0.4086, 0.4265)

Conversions

Conversions Part 1

Format	Color
Hex	FFDA78
RGB	255, 218, 120
RGB Percent	100%, 85%, 47%
CMY	0.0000, 0.1451, 0.5295
CMYK	0.00, 0.15, 0.53, 0.00
HSL	44°, 100%, 74%
HSV	44°, 53%, 100%
XYZ	69.7052, 72.7589, 28.1312
YIQ	217.8910, 53.5100, -22.6340

Conversions

Conversions Part 2

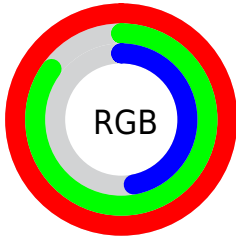
Format	Color
RYB	171, 255, 120
Decimal	16767608
CIELab	88.33, 1.19, 52.50
CIELCh	88, 52.516, 88.702
Yxy	72.7589, 0.4086, 0.4265
Android (android.graphics.Color)	4294957688 (0xFFFFDA78)
YUV	217.8910, -48.2603, 32.5446
Hunter-Lab	85.2988, -3.4048, 40.1556

Details

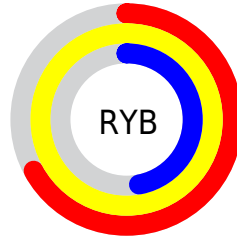
The Yxy color **72.7589, 0.4086, 0.4265** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.3172, 0.2193, 0.2046**, and the grayscale version is **70.3412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8360, 0.3608, 0.4086**, and **38.3475, 0.4282, 0.4450** is the 20% darker color. If you saturate the color by 10%, you get **68.6722, 0.4276, 0.4411**, and if you desaturate by 10%, it is **77.1635, 0.3889, 0.4094**.

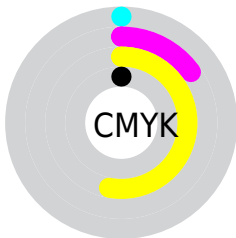
Distribution



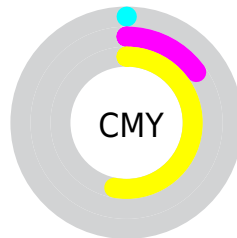
- Red (100%)
- Green (85%)
- Blue (47%)



- Red (67%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (15%)
- Yellow (53%)
- Black (0%)




- Cyan (0%)
- Magenta (15%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.7589, 0.4086, 0.4265 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 72.7589, 0.4086, 0.4265 by changing the saturation by 10% instead.


 72.7589, 0.4086,
0.4265


 72.7589, 0.4086,
0.4265


470.1788, 0.3661,
0.3835

 53.7788, 0.4174,
0.4354

 123.1349, 0.3945,
0.4123

 38.4249, 0.4278,
0.4457


 155.2996, 0.3888,
0.4065

 26.3126, 0.4398,
0.4576


 192.6280, 0.3838,
0.4015

 17.0577, 0.4537,
0.4713

235.5044, 0.3794,
0.3970

 10.2756, 0.4690,
0.4860

284.3133, 0.3755,
0.3931

 5.5821, 0.4920,
0.5080

339.4391, 0.3720,

 2.5927, 0.4933,

0.3895

0.5067

401.2661, 0.3689,
0.3864

■ 0.9230, 0.4958,
0.5042

■ 0.0000, 0.0000,
0.0000

■ 72.7589, 0.4086,
0.4265

■ 72.7589, 0.4086,
0.4265

■ 68.6722, 0.4276,
0.4411

■ 77.1635, 0.3889,
0.4094

■ 64.8877, 0.4451,
0.4519

■ 81.8993, 0.3695,
0.3908

■ 61.3882, 0.4602,
0.4582

■ 86.9791, 0.3508,
0.3716

■ 58.1528, 0.4723,
0.4594

■ 92.4145, 0.3333,
0.3526

■ 56.0105, 0.4791,
0.4578

■ 98.2167, 0.3172,
0.3342

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



72.7589, 0.4371, 0.3854



72.7589, 0.4086, 0.4265



72.7589, 0.3556, 0.4449

Triad

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



72.7589, 0.4086, 0.4265



72.7589, 0.2082, 0.3029



72.7589, 0.3219, 0.2546

Complementary

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



72.7589, 0.4086, 0.4265



35.3172, 0.2193, 0.2046

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.



72.7589, 0.2617, 0.2338



72.7589, 0.4086, 0.4265



72.7589, 0.2014, 0.2556

Square

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



72.7589, 0.4086, 0.4265



72.7589, 0.2406, 0.3673



72.7589, 0.2198, 0.2331



72.7589, 0.3854, 0.2912

Rectangle

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



72.7589, 0.4086, 0.4265



72.7589, 0.3145, 0.4358



72.7589, 0.2198, 0.2331



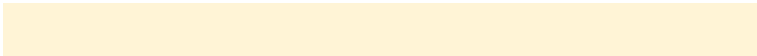
72.7589, 0.3005, 0.2457

Sweetspot

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



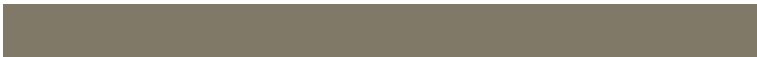
72.7590, 0.4086, 0.4265



90.7184, 0.3385, 0.3583



37.1641, 0.4227, 0.2902



19.1765, 0.3421, 0.3622



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.



72.7590, 0.4086, 0.4265



68.2609, 0.4295, 0.4424



89.0031, 0.3694, 0.4668



20.1994, 0.3276, 0.3462



29.5289, 0.4779, 0.4588



3.0577, 0.4696, 0.4653

Inverse Universe

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



35.3172, 0.2193, 0.2046



27.2401, 0.1998, 0.1738



27.0589, 0.2294, 0.1669



18.1876, 0.2979, 0.3112



6.2650, 0.1593, 0.0935



0.7829, 0.1653, 0.1149

Previews

White Background



This preview shows how the Yxy color 72.7589, 0.4086, 0.4265 looks on a white background.

Color Contrast Check

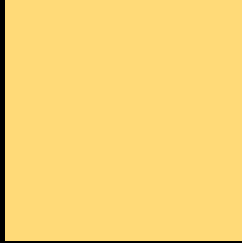
Large Text (above 18pt) WCAG AA × Fail

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 72.7589, 0.4086, 0.4265 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 72.7589, 0.4086, 0.4265

Background



This preview shows how black text looks on a background with the Yxy color 72.7589, 0.4086, 0.4265.



This preview shows how white text looks on a background with the Yxy color 72.7589, 0.4086, 0.4265.

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

72.7589, 0.4086, 0.4265

Protanopia

72.8561, 0.3972, 0.4327

Deuteranopia

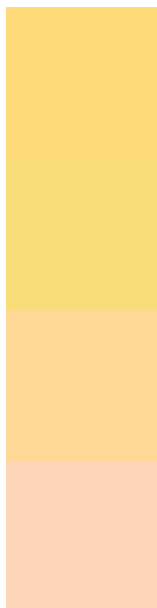
72.6141, 0.3786, 0.3796



Tritanopia

72.6271, 0.3381, 0.3170

Trichromacy



Original Color

72.7589, 0.4086, 0.4265

Protanomaly

73.0498, 0.4009, 0.4305

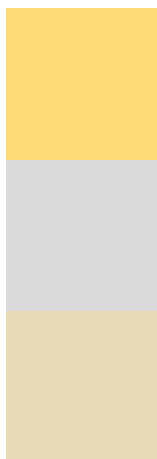
Deuteranomaly

72.5417, 0.3904, 0.3976

Tritanomaly

72.3513, 0.3651, 0.3580

Monochromacy



Original Color

72.7589, 0.4086, 0.4265

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.5091, 0.3474, 0.3685

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7589, 0.4086, 0.4265 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(255, 218, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 120)  
}
```

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(255, 218, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 120) }
```

Border

The CSS property to change the border of an element to Yxy 72.7589, 0.4086, 0.4265 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(255, 218, 120) }
```

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

```
.border{ border-color:rgb(255, 218, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
120) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.7589, 0.4086, 0.4265$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 120) }
```

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

```
.background{ background-color: rgb(255,  
218, 120) }
```

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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