

Converting Colors

$Y_{xy}(75.9219, 0.4095, 0.4471)$

Have a look what the booklet for
Yxy(75.9219, 0.4095, 0.4471)
contains.

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Color

Yxy(75.9219, 0.4095, 0.4471)

Conversions

Conversions Part 1

Format	Color
Hex	FBE269
RGB	251, 226, 105
RGB Percent	98%, 89%, 41%
CMY	0.0156, 0.1137, 0.5883
CMYK	0.00, 0.10, 0.58, 0.02
HSL	50°, 95%, 70%
HSV	50°, 58%, 98%
XYZ	69.5371, 75.9219, 24.3507
YIQ	219.6810, 53.7410, -32.3310

Conversions

Conversions Part 2

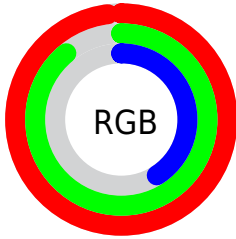
Format	Color
RYB	135, 251, 105
Decimal	16507497
CIELab	89.82, -5.60, 61.05
CIELCh	90, 61.311, 95.239
Yxy	75.9219, 0.4095, 0.4471
Android (android.graphics.Color)	4294697577 (0xFFFBE269)
YUV	219.6810, -56.5377, 27.4668
Hunter-Lab	87.1332, -10.0303, 44.4237

Details

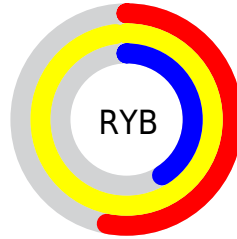
The Yxy color **75.9219, 0.4095, 0.4471** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **25.9407, 0.2057, 0.1709**, and the grayscale version is **71.7133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3181, 0.3689, 0.4219**, and **40.5626, 0.4271, 0.4698** is the 20% darker color. If you saturate the color by 10%, you get **73.1725, 0.4242, 0.4614**, and if you desaturate by 10%, it is **78.8895, 0.3931, 0.4295**.

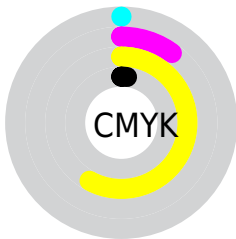
Distribution



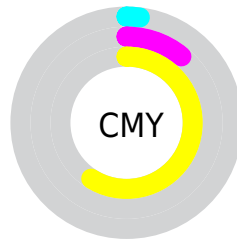
- Red (98%)
- Green (89%)
- Blue (41%)



- Red (53%)
- Yellow (98%)
- Blue (41%)



- Cyan (0%)
- Magenta (10%)
- Yellow (58%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9219, 0.4095, 0.4471 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 75.9219, 0.4095, 0.4471 by changing the saturation by 10% instead.


 75.9219, 0.4095,
0.4471


 75.9219, 0.4095,
0.4471

481.0803, 0.3682,
0.3952

 56.3685, 0.4175,
0.4576


 127.6165, 0.3962,
0.4301

 40.4984, 0.4266,
0.4698


 160.5265, 0.3907,
0.4231

 27.9274, 0.4365,
0.4837


 198.6574, 0.3859,
0.4170

 18.2709, 0.4471,
0.4993

 242.3937, 0.3815,
0.4116

 11.1447, 0.4581,
0.5172

292.1197, 0.3777,
0.4068

 6.1642, 0.4658,
0.5342

348.2199, 0.3742,

 2.9452, 0.4597,

0.4026

0.5403

411.0786, 0.3711,
0.3987

■ 1.1032, 0.4488,
0.5512

■ 0.0000, 0.0000,
0.0000

■ 75.9219, 0.4095,
0.4471

■ 75.9219, 0.4095,
0.4471

■ 73.1725, 0.4242,
0.4614

■ 78.8895, 0.3931,
0.4295

■ 70.6163, 0.4366,
0.4715


■ 82.0771, 0.3759,
0.4096

■ 68.2400, 0.4461,
0.4769

■ 85.4996, 0.3585,
0.3885


■ 66.0208, 0.4528,
0.4778

■ 89.1675, 0.3415,
0.3670

 65.6270, 0.4539,
0.4778

 93.0904, 0.3252,
0.3457

 97.2381, 0.3104,
0.3259

 99.2545, 0.3103,
0.3290

Harmonies

Analogous

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



75.9219, 0.4507, 0.4023



75.9219, 0.4095, 0.4471



75.9219, 0.3451, 0.4626

Triad

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



75.9219, 0.4095, 0.4471



75.9219, 0.1903, 0.2838



75.9219, 0.3392, 0.2526

Complementary

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



75.9219, 0.4095, 0.4471



25.9407, 0.2057, 0.1709

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.



75.9219, 0.2677, 0.2251



75.9219, 0.4095, 0.4471



75.9219, 0.1893, 0.2370

Square

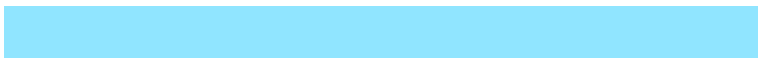
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9219, 0.4095, 0.4471



75.9219, 0.2198, 0.3559



75.9219, 0.2155, 0.2186



75.9219, 0.4103, 0.2961

Rectangle

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



75.9219, 0.4095, 0.4471



75.9219, 0.2981, 0.4456



75.9219, 0.2155, 0.2186



75.9219, 0.3141, 0.2413

Sweetspot

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



75.9255, 0.4095, 0.4471



92.8663, 0.3395, 0.3645



32.2754, 0.4593, 0.3026



19.7078, 0.3429, 0.3688



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.



75.9255, 0.4095, 0.4471



75.3179, 0.4267, 0.4636



82.9801, 0.3630, 0.4845



19.6546, 0.3273, 0.3485



34.6772, 0.4533, 0.4783



3.3409, 0.4485, 0.4821

Inverse Universe

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



25.9407, 0.2057, 0.1709



19.3123, 0.1847, 0.1354



23.6701, 0.2306, 0.1548



17.1237, 0.2979, 0.3087



4.7127, 0.1542, 0.0751



0.5669, 0.1595, 0.0940

Previews

White Background



This preview shows how the Yxy color 75.9219, 0.4095, 0.4471 looks on a white background.

Color Contrast Check

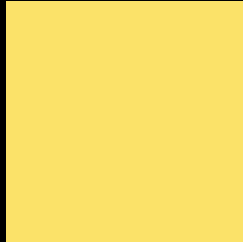
Large Text (above 18pt) WCAG AA × Fail

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 75.9219, 0.4095, 0.4471 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 75.9219, 0.4095, 0.4471

Background



This preview shows how black text looks on a background with the Yxy color 75.9219, 0.4095, 0.4471.



This preview shows how white text looks on a background with the Yxy color 75.9219, 0.4095, 0.4471.

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

75.9219, 0.4095, 0.4471

Protanopia

75.7366, 0.4087, 0.4475

Deuteranopia

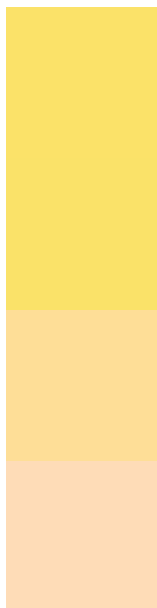
75.6207, 0.3690, 0.3732



Tritanopia

75.9732, 0.3330, 0.3170

Trichromacy



Original Color

75.9219, 0.4095, 0.4471

Protanomaly

75.7366, 0.4087, 0.4475

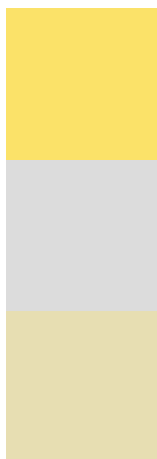
Deuteranomaly

75.5477, 0.3857, 0.4015

Tritanomaly

75.6761, 0.3639, 0.3671

Monochromacy



Original Color

75.9219, 0.4095, 0.4471

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.4458, 0.3493, 0.3771

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9219, 0.4095, 0.4471 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(251, 226, 105)` looks like.

```
.text, #text, p{  
    color:rgb(251, 226, 105)  
}
```

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(251, 226, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 226, 105) }
```

Border

The CSS property to change the border of an element to Yxy 75.9219, 0.4095, 0.4471 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(251, 226, 105) }
```

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

```
.border{ border-color:rgb(251, 226, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 226, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 226, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 226, 105);  
box-shadow:4px 4px 4px 4px rgb(251, 226,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9219, 0.4095, 0.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 226, 105) }
```

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

```
.background{ background-color: rgb(251,  
226, 105) }
```

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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