

Converting Colors

$Yxy(68.9695, 0.4047, 0.4077)$

Have a look what the booklet for
Yxy(68.9695, 0.4047, 0.4077)
contains.

Yxy(69.0466, 0.4043, 0.4074)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.0466, 0.4043, 0.4074)

Conversions

Conversions Part 1

Format	Color
Hex	FFD285
RGB	255, 210, 133
RGB Percent	100%, 82%, 52%
CMY	0.0000, 0.1764, 0.4783
CMYK	0.00, 0.18, 0.48, 0.00
HSL	38°, 100%, 76%
HSV	38°, 48%, 100%
XYZ	68.5212, 69.0466, 31.9133
YIQ	214.6770, 51.5370, -14.4070

Conversions

Conversions Part 2

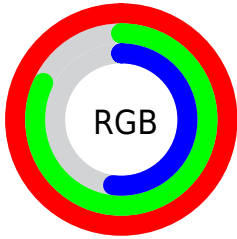
Format	Color
R_{YB}	204, 255, 133
Decimal	16765573
CIE Lab	86.53, 6.40, 43.92
CIE LCh	87, 44.384, 81.704
Yxy	69.0466, 0.4043, 0.4074
Android (android.graphics.Color)	4294955653 (0xFFFFD285)
YUV	214.6770, -40.2668, 35.3633
Hunter-Lab	83.0943, 1.7797, 35.3950

Details

The Yxy color **69.0466, 0.4043, 0.4074** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.0554, 0.2315, 0.2337**, and the grayscale version is **67.9795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3679, 0.3532, 0.3959**, and **36.1219, 0.4239, 0.4232** is the 20% darker color. If you saturate the color by 10%, you get **63.9192, 0.4268, 0.4216**, and if you desaturate by 10%, it is **74.6247, 0.3823, 0.3914**.

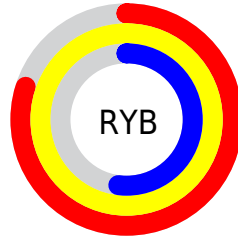
Distribution



Red (100%)

Green (82%)

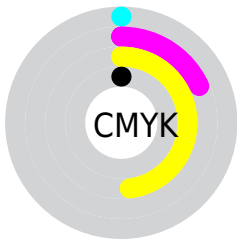
Blue (52%)



Red (80%)

Yellow (100%)

Blue (52%)

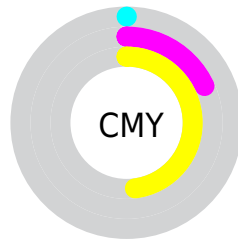


Cyan (0%)

Magenta (18%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0466, 0.4043, 0.4074 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 69.0466, 0.4043, 0.4074 by changing the saturation by 10% instead.


 69.0466, 0.4043,
0.4074


 69.0466, 0.4043,
0.4074


457.1953, 0.3624,
0.3726


 50.7497, 0.4135,
0.4147


 117.8481, 0.3900,
0.3958

 36.0094, 0.4244,
0.4233


 149.1215, 0.3844,
0.3911

 24.4415, 0.4378,
0.4334


 185.4892, 0.3795,
0.3870

 15.6614, 0.4540,
0.4451

227.3355, 0.3752,
0.3835

 9.2849, 0.4736,
0.4583

275.0449, 0.3714,
0.3803

 4.9275, 0.5067,
0.4809

329.0017, 0.3681,

 2.2048, 0.5208,

0.3774

0.4792

389.5904, 0.3651,
0.3749

0.7226, 0.5385,
0.4615

0.0000, 0.0000,
0.0000

69.0466, 0.4043,
0.4074

69.0466, 0.4043,
0.4074

63.9192, 0.4268,
0.4216

74.6247, 0.3823,
0.3914

59.2154, 0.4490,
0.4328

80.6594, 0.3616,
0.3746

54.9193, 0.4696,
0.4397

87.1688, 0.3424,
0.3577

51.0092, 0.4876,
0.4416

94.1669, 0.3251,
0.3413

■ 47.4574, 0.5021, 99.9999, 0.3127,
0.4383 0.3290

■ 46.7279, 0.5050,
0.4372

Harmonies

Analogous

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



69.0466, 0.4215, 0.3700



69.0466, 0.4043, 0.4074



69.0466, 0.3627, 0.4275

Triad

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



69.0466, 0.4043, 0.4074



69.0466, 0.2264, 0.3195



69.0466, 0.3081, 0.2582

Complementary

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



69.0466, 0.4043, 0.4074



44.0554, 0.2315, 0.2337

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.



69.0466, 0.2584, 0.2437



69.0466, 0.4043, 0.4074



69.0466, 0.2147, 0.2739

Square

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



69.0466, 0.4043, 0.4074



69.0466, 0.2601, 0.3747



69.0466, 0.2258, 0.2482



69.0466, 0.3635, 0.2878

Rectangle

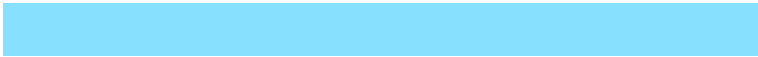
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.0466, 0.4043, 0.4074



69.0466, 0.3278, 0.4244



69.0466, 0.2258, 0.2482



69.0466, 0.2902, 0.2514

Sweetspot

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



69.0499, 0.4043, 0.4074



89.7942, 0.3356, 0.3513



41.3273, 0.3931, 0.2808



18.9016, 0.3394, 0.3549



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.



69.0499, 0.4043, 0.4074



64.3311, 0.4250, 0.4205



91.8737, 0.3735, 0.4504



19.8982, 0.3278, 0.3440



24.7116, 0.5032, 0.4386



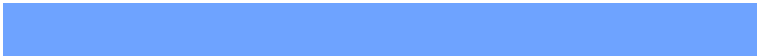
2.6151, 0.4911, 0.4483

Inverse Universe

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



44.0554, 0.2315, 0.2337



36.8013, 0.2158, 0.2114



30.2275, 0.2304, 0.1808



18.4750, 0.2979, 0.3136



8.2216, 0.1658, 0.1170



1.0008, 0.1721, 0.1394

Previews

White Background



This preview shows how the Yxy color 69.0466, 0.4043, 0.4074 looks on a white background.

Color Contrast Check

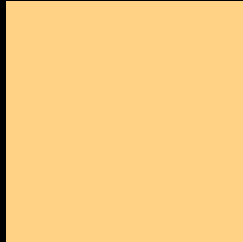
Large Text (above 18pt) WCAG AA × Fail

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 69.0466, 0.4043, 0.4074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

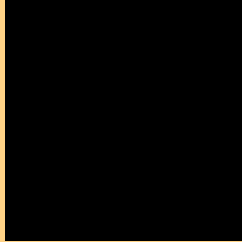
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.0466, 0.4043, 0.4074

Background



This preview shows how black text looks on a background with the Yxy color 69.0466, 0.4043, 0.4074.



This preview shows how white text looks on a background with the Yxy color 69.0466, 0.4043, 0.4074.

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

69.0466, 0.4043, 0.4074

Protanopia

69.2361, 0.3838, 0.4161

Deuteranopia

69.1279, 0.3912, 0.3879



Tritanopia

68.9297, 0.3436, 0.3158

Trichromacy



Original Color

69.0466, 0.4043, 0.4074

Protanomaly

68.8971, 0.3914, 0.4124

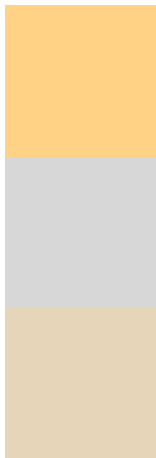
Deuteranomaly

68.9053, 0.3963, 0.3949

Tritanomaly

68.9478, 0.3662, 0.3498

Monochromacy



Original Color

69.0466, 0.4043, 0.4074

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.9143, 0.3455, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0466, 0.4043, 0.4074 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, 210, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 133)  
}
```

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, 210, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 133) }
```

Border

The CSS property to change the border of an element to Yxy 69.0466, 0.4043, 0.4074 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, 210, 133) }
```

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

```
.border{ border-color:rgb(255, 210, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0466, 0.4043, 0.4074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 133) }
```

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

```
.background{ background-color: rgb(255,  
210, 133) }
```

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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