

Converting Colors

$Y_{xy}(72.0653, 0.4158, 0.4010)$

Have a look what the booklet for
Yxy(72.0653, 0.4158, 0.4010)
contains.

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Color

Yxy(69.1025, 0.4029, 0.4055)

Conversions

Conversions Part 1

Format	Color
Hex	FFD287
RGB	255, 210, 135
RGB Percent	100%, 82%, 53%
CMY	0.0000, 0.1764, 0.4705
CMYK	0.00, 0.18, 0.47, 0.00
HSL	38°, 100%, 76%
HSV	38°, 47%, 100%
XYZ	68.6594, 69.1025, 32.6511
YIQ	214.9050, 50.8950, -13.7850

Conversions

Conversions Part 2

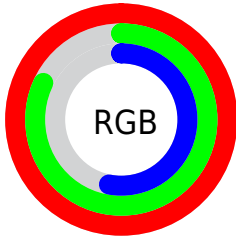
Format	Color
R_{YB}	207, 255, 135
Decimal	16765575
CIE _{Lab}	86.55, 6.59, 42.95
CIE _{LCh}	87, 43.453, 81.282
Yxy	69.1025, 0.4029, 0.4055
Android (android.graphics.Color)	4294955655 (0xFFFFD287)
YUV	214.9050, -39.3932, 35.1633
Hunter-Lab	83.1279, 1.9581, 34.9015

Details

The Yxy color **69.1025, 0.4029, 0.4055** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.0213, 0.2331, 0.2365**, and the grayscale version is **68.1365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4541, 0.3520, 0.3939**, and **36.1528, 0.4222, 0.4211** is the 20% darker color. If you saturate the color by 10%, you get **63.8896, 0.4256, 0.4197**, and if you desaturate by 10%, it is **74.7761, 0.3808, 0.3895**.

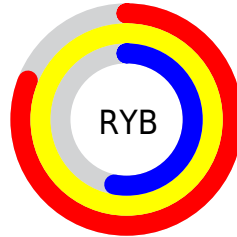
Distribution



Red (100%)

Green (82%)

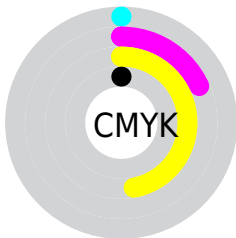
Blue (53%)



Red (81%)

Yellow (100%)

Blue (53%)

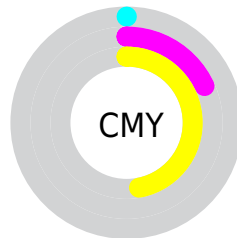


Cyan (0%)

Magenta (18%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1025, 0.4029, 0.4055 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 69.1025, 0.4029, 0.4055 by changing the saturation by 10% instead.

 69.1025, 0.4029,
0.4055

 69.1025, 0.4029,
0.4055


457.3924, 0.3616,
0.3715

 50.7952, 0.4120,
0.4126


 117.9280, 0.3888,
0.3941

 36.0456, 0.4229,
0.4211


 149.2149, 0.3832,
0.3896

 24.4694, 0.4361,
0.4310


 185.5972, 0.3784,
0.3856

 15.6822, 0.4523,
0.4427

227.4592, 0.3742,
0.3821

 9.2996, 0.4721,
0.4557

275.1853, 0.3705,
0.3790

 4.9371, 0.5039,
0.4769

329.1600, 0.3672,

 2.2104, 0.5217,

0.3762

0.4783

389.7675, 0.3642,
0.3737

0.7257, 0.5396,
0.4604

0.0000, 0.0000,
0.0000

69.1025, 0.4029,
0.4055

69.1025, 0.4029,
0.4055

63.8896, 0.4256,
0.4197

74.7761, 0.3808,
0.3895

59.1102, 0.4481,
0.4311

80.9166, 0.3601,
0.3728

54.7484, 0.4692,
0.4383

87.5421, 0.3410,
0.3561

50.7824, 0.4877,
0.4405

94.6667, 0.3238,
0.3399

■ 47.1856, 0.5027, 99.9986, 0.3127,
0.4374 0.3290

■ 46.1834, 0.5068,
0.4358

Harmonies

Analogous

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



69.1025, 0.4192, 0.3688



69.1025, 0.4029, 0.4055



69.1025, 0.3625, 0.4253

Triad

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



69.1025, 0.4029, 0.4055



69.1025, 0.2284, 0.3206



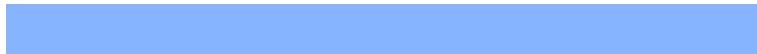
69.1025, 0.3075, 0.2592

Complementary

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



69.1025, 0.4029, 0.4055



45.0213, 0.2331, 0.2365

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.



69.1025, 0.2590, 0.2453



69.1025, 0.4029, 0.4055



69.1025, 0.2165, 0.2756

Square

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



69.1025, 0.4029, 0.4055



69.1025, 0.2619, 0.3744



69.1025, 0.2272, 0.2500



69.1025, 0.3617, 0.2882

Rectangle

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



69.1025, 0.4029, 0.4055



69.1025, 0.3283, 0.4224



69.1025, 0.2272, 0.2500



69.1025, 0.2900, 0.2527

Sweetspot

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



69.1058, 0.4029, 0.4055



89.6643, 0.3356, 0.3511



41.9317, 0.3911, 0.2816



18.8699, 0.3394, 0.3546



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.



69.1058, 0.4029, 0.4055



64.4184, 0.4232, 0.4184



91.9657, 0.3727, 0.4485



19.8788, 0.3279, 0.3438



24.4298, 0.5049, 0.4373



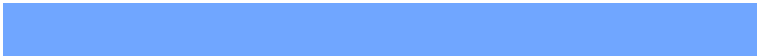
2.5887, 0.4925, 0.4471

Inverse Universe

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



45.0213, 0.2331, 0.2365



37.8590, 0.2178, 0.2150



30.9477, 0.2320, 0.1836



18.4937, 0.2979, 0.3137



8.3708, 0.1663, 0.1187



1.0167, 0.1726, 0.1411

Previews

White Background



This preview shows how the Yxy color 69.1025, 0.4029, 0.4055 looks on a white background.

Color Contrast Check

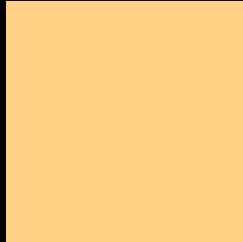
Large Text (above 18pt) WCAG AA × Fail

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 69.1025, 0.4029, 0.4055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

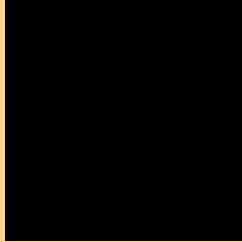
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1025, 0.4029, 0.4055

Background



This preview shows how black text looks on a background with the Yxy color 69.1025, 0.4029, 0.4055.



This preview shows how white text looks on a background with the Yxy color 69.1025, 0.4029, 0.4055.

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

69.1025, 0.4029, 0.4055

Protanopia

69.2936, 0.3824, 0.4141

Deuteranopia

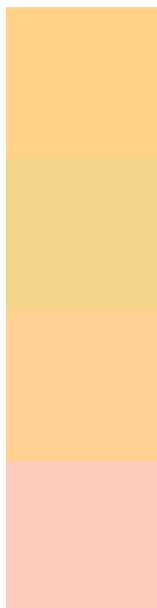
69.1608, 0.3904, 0.3869



Tritanopia

68.9297, 0.3436, 0.3158

Trichromacy



Original Color

69.1025, 0.4029, 0.4055

Protanomaly

68.9540, 0.3900, 0.4104

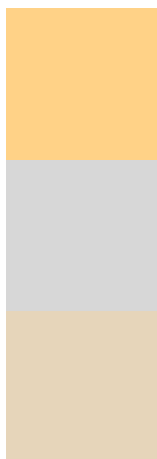
Deuteranomaly

68.9363, 0.3956, 0.3939

Tritanomaly

68.9905, 0.3654, 0.3488

Monochromacy



Original Color

69.1025, 0.4029, 0.4055

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.9567, 0.3448, 0.3588

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1025, 0.4029, 0.4055 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 135) }
```

Border

The CSS property to change the border of an element to Yxy 69.1025, 0.4029, 0.4055 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, 135) }
```

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

```
.border{ border-color:rgb(255, 210, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1025, 0.4029, 0.4055 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, 135) }
```

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

```
.background{ background-color: rgb(255,  
210, 135) }
```

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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