

Converting Colors

$Y_{xy}(73.6035, 0.4186, 0.3992)$

Have a look what the booklet for
Yxy(73.6035, 0.4186, 0.3992)
contains.

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Color

Yxy(69.1308, 0.4022, 0.4046)

Conversions

Conversions Part 1

Format	Color
Hex	FFD288
RGB	255, 210, 136
RGB Percent	100%, 82%, 53%
CMY	0.0001, 0.1764, 0.4667
CMYK	0.00, 0.18, 0.47, 0.00
HSL	37°, 100%, 77%
HSV	37°, 47%, 100%
XYZ	68.7207, 69.1308, 33.0106
YIQ	215.0190, 50.5740, -13.4740

Conversions

Conversions Part 2

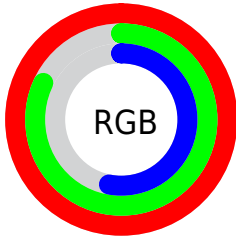
Format	Color
R _Y B	208, 255, 136
Decimal	16765576
CIE Lab	86.57, 6.66, 42.49
CIE LCh	87, 43.004, 81.092
Yxy	69.1308, 0.4022, 0.4046
Android (android.graphics.Color)	4294955656 (0xFFFFD288)
YUV	215.0190, -38.9564, 35.0633
Hunter-Lab	83.1449, 2.0297, 34.6619

Details

The Yxy color **69.1308, 0.4022, 0.4046** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.4740, 0.2339, 0.2379**, and the grayscale version is **68.2115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4977, 0.3514, 0.3929**, and **36.1686, 0.4214, 0.4200** is the 20% darker color. If you saturate the color by 10%, you get **63.8788, 0.4250, 0.4189**, and if you desaturate by 10%, it is **74.8481, 0.3801, 0.3886**.

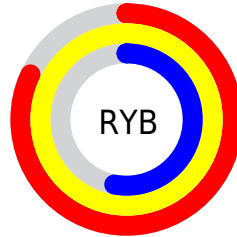
Distribution



Red (100%)

Green (82%)

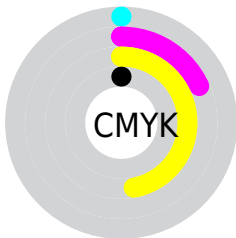
Blue (53%)



Red (82%)

Yellow (100%)

Blue (53%)

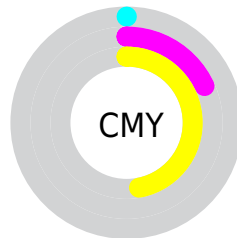


Cyan (0%)

Magenta (18%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1308, 0.4022, 0.4046 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 69.1308, 0.4022, 0.4046 by changing the saturation by 10% instead.


 69.1308, 0.4022,
0.4046

 69.1308, 0.4022,
0.4046


457.4922, 0.3612,
0.3710


 50.8182, 0.4112,
0.4117

 117.9684, 0.3882,
0.3934

 36.0640, 0.4221,
0.4200


 149.2622, 0.3827,
0.3889

 24.4836, 0.4353,
0.4299


 185.6519, 0.3779,
0.3849

 15.6928, 0.4515,
0.4415

227.5218, 0.3737,
0.3815

 9.3070, 0.4713,
0.4545

275.2564, 0.3700,
0.3784

 4.9420, 0.5026,
0.4751

329.2401, 0.3667,

 2.2132, 0.5220,

0.3756

0.4780

389.8572, 0.3638,
0.3732

0.7272, 0.5400,
0.4600

0.0000, 0.0000,
0.0000

69.1308, 0.4022,
0.4046

69.1308, 0.4022,
0.4046

63.8788, 0.4250,
0.4189

74.8481, 0.3801,
0.3886

59.0647, 0.4476,
0.4303

81.0369, 0.3594,
0.3720

54.6728, 0.4689,
0.4376

87.7155, 0.3404,
0.3554

50.6811, 0.4877,
0.4400

94.8979, 0.3232,
0.3393

■ 47.0635, 0.5029,
0.4370

99.9935, 0.3127,
0.3290

■ 45.9279, 0.5076,
0.4352

Harmonies

Analogous

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



69.1308, 0.4181, 0.3682



69.1308, 0.4022, 0.4046



69.1308, 0.3623, 0.4242

Triad

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



69.1308, 0.4022, 0.4046



69.1308, 0.2294, 0.3210



69.1308, 0.3072, 0.2597

Complementary

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



69.1308, 0.4022, 0.4046



45.4740, 0.2339, 0.2379

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.



69.1308, 0.2593, 0.2460



69.1308, 0.4022, 0.4046



69.1308, 0.2174, 0.2764

Square

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



69.1308, 0.4022, 0.4046



69.1308, 0.2627, 0.3742



69.1308, 0.2279, 0.2509



69.1308, 0.3609, 0.2883

Rectangle

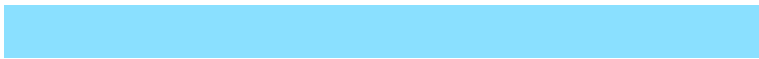
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.1308, 0.4022, 0.4046



69.1308, 0.3286, 0.4214



69.1308, 0.2279, 0.2509



69.1308, 0.2899, 0.2533

Sweetspot

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



69.1341, 0.4022, 0.4046



89.6052, 0.3356, 0.3510



42.2206, 0.3902, 0.2819



18.8554, 0.3394, 0.3545



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.



69.1341, 0.4022, 0.4046



64.2324, 0.4235, 0.4180



91.9914, 0.3722, 0.4476



19.8700, 0.3279, 0.3438



24.3024, 0.5057, 0.4367



2.5768, 0.4932, 0.4466

Inverse Universe

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



45.4740, 0.2339, 0.2379



38.0037, 0.2179, 0.2155



31.2960, 0.2328, 0.1849



18.5022, 0.2979, 0.3138



8.4397, 0.1665, 0.1195



1.0240, 0.1728, 0.1419

Previews

White Background



This preview shows how the Yxy color 69.1308, 0.4022, 0.4046 looks on a white background.

Color Contrast Check

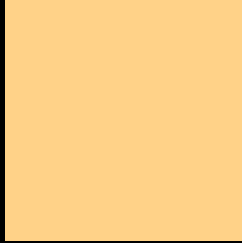
Large Text (above 18pt) WCAG AA × Fail

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 69.1308, 0.4022, 0.4046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

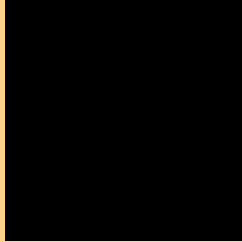
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1308, 0.4022, 0.4046

Background



This preview shows how black text looks on a background with the Yxy color 69.1308, 0.4022, 0.4046.



This preview shows how white text looks on a background with the Yxy color 69.1308, 0.4022, 0.4046.

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

69.1308, 0.4022, 0.4046

Protanopia

69.3227, 0.3818, 0.4131

Deuteranopia

69.1940, 0.3897, 0.3859



Tritanopia

68.9297, 0.3436, 0.3158

Trichromacy



Original Color

69.1308, 0.4022, 0.4046

Protanomaly

68.9828, 0.3893, 0.4094

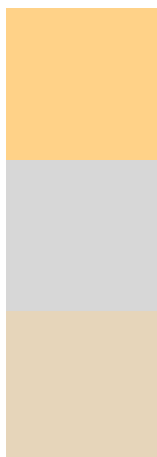
Deuteranomaly

68.9675, 0.3948, 0.3929

Tritanomaly

68.9905, 0.3654, 0.3488

Monochromacy



Original Color

69.1308, 0.4022, 0.4046

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 69.1308, 0.4022, 0.4046 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 136) }
```

Border

The CSS property to change the border of an element to Yxy 69.1308, 0.4022, 0.4046 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, 136) }
```

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

```
.border{ border-color:rgb(255, 210, 136) }
```

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, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1308, 0.4022, 0.4046 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, 136) }
```

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

```
.background{ background-color: rgb(255,  
210, 136) }
```

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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