

Converting Colors

$Yxy(69.2147, 0.4091, 0.4152)$

Have a look what the booklet for
Yxy(69.2147, 0.4091, 0.4152)
contains.

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Color

Yxy(69.3292, 0.4092, 0.4158)

Conversions

Conversions Part 1

Format	Color
Hex	FFD37D
RGB	255, 211, 125
RGB Percent	100%, 83%, 49%
CMY	0.0001, 0.1725, 0.5099
CMYK	0.00, 0.17, 0.51, 0.00
HSL	40°, 100%, 75%
HSV	40°, 51%, 100%
XYZ	68.2287, 69.3292, 29.1790
YIQ	214.3520, 53.8300, -17.4180

Conversions

Conversions Part 2

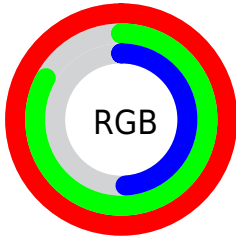
Format	Color
R _Y B	192, 255, 125
Decimal	16765821
CIE Lab	86.67, 5.16, 48.07
CIE LCh	87, 48.345, 83.869
Yxy	69.3292, 0.4092, 0.4158
Android (android.graphics.Color)	4294955901 (0xFFFFD37D)
YUV	214.3520, -44.0505, 35.6483
Hunter-Lab	83.2642, 0.5551, 37.5074

Details

The Yxy color **69.3292, 0.4092, 0.4158** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.9296, 0.2250, 0.2209**, and the grayscale version is **67.7695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0347, 0.3579, 0.4037**, and **36.3307, 0.4300, 0.4337** is the 20% darker color. If you saturate the color by 10%, you get **64.5920, 0.4306, 0.4298**, and if you desaturate by 10%, it is **74.4701, 0.3878, 0.3996**.

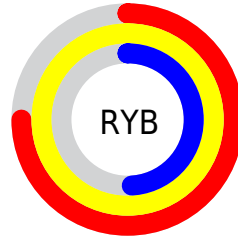
Distribution



Red (100%)

Green (83%)

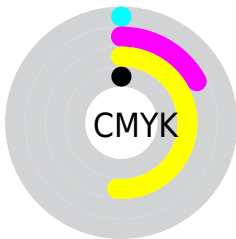
Blue (49%)



Red (75%)

Yellow (100%)

Blue (49%)

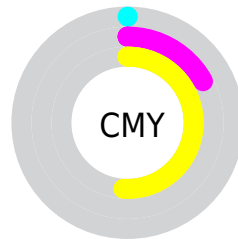


Cyan (0%)

Magenta (17%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (17%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3292, 0.4092, 0.4158 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 69.3292, 0.4092, 0.4158 by changing the saturation by 10% instead.


 69.3292, 0.4092,
0.4158


 69.3292, 0.4092,
0.4158


458.1912, 0.3655,
0.3774


 50.9799, 0.4186,
0.4237

 118.2516, 0.3944,
0.4031

 36.1926, 0.4297,
0.4330


 149.5935, 0.3886,
0.3979

 24.5830, 0.4430,
0.4438


 186.0351, 0.3834,
0.3934

 15.7666, 0.4589,
0.4561

227.9607, 0.3790,
0.3895

 9.3592, 0.4773,
0.4694

275.7547, 0.3750,
0.3859

 4.9762, 0.5081,
0.4919

329.8015, 0.3715,

 2.2333, 0.5143,

0.3828

0.4857

390.4855, 0.3683,
0.3800

0.7381, 0.5286,
0.4714

0.0000, 0.0000,
0.0000

69.3292, 0.4092,
0.4158

69.3292, 0.4092,
0.4158

64.5920, 0.4306,
0.4298

74.4701, 0.3878,
0.3996

60.2319, 0.4511,
0.4403

80.0199, 0.3672,
0.3822

56.2335, 0.4696,
0.4464

85.9960, 0.3479,
0.3645

52.5752, 0.4851,
0.4473

92.4115, 0.3302,
0.3472

■ 49.5403, 0.4964,
0.4441

99.2788, 0.3142,
0.3306

99.9959, 0.3127,
0.3290

Harmonies

Analogous

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



69.3292, 0.4306, 0.3757



69.3292, 0.4092, 0.4158



69.3292, 0.3625, 0.4367

Triad

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



69.3292, 0.4092, 0.4158



69.3292, 0.2177, 0.3140



69.3292, 0.3118, 0.2545

Complementary

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



69.3292, 0.4092, 0.4158



39.9296, 0.2250, 0.2209

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.



69.3292, 0.2572, 0.2377



69.3292, 0.4092, 0.4158



69.3292, 0.2071, 0.2661

Square

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



69.3292, 0.4092, 0.4158



69.3292, 0.2522, 0.3746



69.3292, 0.2208, 0.2406



69.3292, 0.3719, 0.2872

Rectangle

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



69.3292, 0.4092, 0.4158



69.3292, 0.3243, 0.4321



69.3292, 0.2208, 0.2406



69.3292, 0.2921, 0.2469

Sweetspot

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



69.3325, 0.4092, 0.4158



89.7999, 0.3372, 0.3541



38.8374, 0.4062, 0.2824



18.9315, 0.3409, 0.3578



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.



69.3325, 0.4092, 0.4158



64.5979, 0.4307, 0.4298



90.7298, 0.3738, 0.4591



19.9953, 0.3278, 0.3447



26.1783, 0.4948, 0.4453



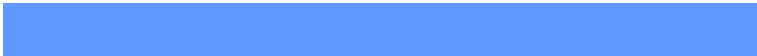
2.7512, 0.4839, 0.4540

Inverse Universe

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



39.9296, 0.2250, 0.2209



32.3712, 0.2079, 0.1951



27.8520, 0.2270, 0.1710



18.3816, 0.2979, 0.3128



7.5158, 0.1636, 0.1088



0.9244, 0.1698, 0.1311

Previews

White Background



This preview shows how the Yxy color 69.3292, 0.4092, 0.4158 looks on a white background.

Color Contrast Check

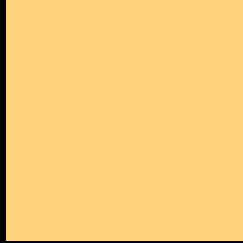
Large Text (above 18pt) WCAG AA × Fail

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 69.3292, 0.4092, 0.4158 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 69.3292, 0.4092, 0.4158

Background



This preview shows how black text looks on a background with the Yxy color 69.3292, 0.4092, 0.4158.



This preview shows how white text looks on a background with the Yxy color 69.3292, 0.4092, 0.4158.

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

69.3292, 0.4092, 0.4158

Protanopia

69.3352, 0.3912, 0.4245

Deuteranopia

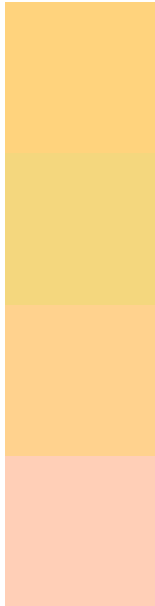
69.0953, 0.3919, 0.3889



Tritanopia

69.4036, 0.3435, 0.3169

Trichromacy



Original Color

69.3292, 0.4092, 0.4158

Protanomaly

69.3403, 0.3977, 0.4218

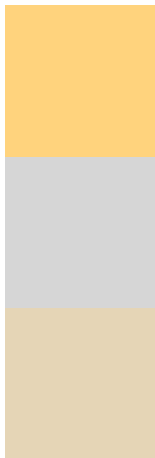
Deuteranomaly

69.3062, 0.3980, 0.3988

Tritanomaly

69.3045, 0.3683, 0.3540

Monochromacy



Original Color

69.3292, 0.4092, 0.4158

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.6239, 0.3469, 0.3634

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3292, 0.4092, 0.4158 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, 211, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 125)  
}
```

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, 211, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 125) }
```

Border

The CSS property to change the border of an element to Yxy 69.3292, 0.4092, 0.4158 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, 211, 125) }
```

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

```
.border{ border-color:rgb(255, 211, 125) }
```

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

Here you see how a box with a 4 pixel rgb(255, 211, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3292, 0.4092, 0.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 125) }
```

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

```
.background{ background-color: rgb(255,  
211, 125) }
```

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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