

Converting Colors

$Yxy(69.6219, 0.4192, 0.4318)$

Have a look what the booklet for
Yxy(69.6219, 0.4192, 0.4318)
contains.

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Color

Yxy(69.4297, 0.4193, 0.4314)

Conversions

Conversions Part 1

Format	Color
Hex	FFD46C
RGB	255, 212, 108
RGB Percent	100%, 83%, 42%
CMY	0.0001, 0.1686, 0.5765
CMYK	0.00, 0.17, 0.58, 0.00
HSL	42°, 100%, 71%
HSV	42°, 58%, 100%
XYZ	67.4823, 69.4297, 24.0284
YIQ	213.0010, 59.0120, -23.2280

Conversions

Conversions Part 2

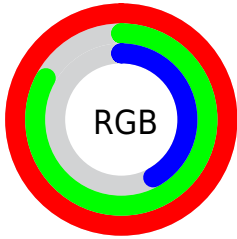
Format	Color
RYB	169, 255, 108
Decimal	16766060
CIELab	86.72, 3.31, 56.24
CIElCh	87, 56.334, 86.631
Yxy	69.4297, 0.4193, 0.4314
Android (android.graphics.Color)	4294956140 (0xFFFFD46C)
YUV	213.0010, -51.7655, 36.8331
Hunter-Lab	83.3245, -1.2554, 41.2296

Details

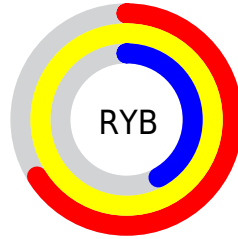
The Yxy color **69.4297, 0.4193, 0.4314** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **32.5213, 0.2115, 0.1950**, and the grayscale version is **66.8635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3886, 0.3678, 0.4200**, and **36.3317, 0.4400, 0.4512** is the 20% darker color. If you saturate the color by 10%, you get **65.3269, 0.4384, 0.4440**, and if you desaturate by 10%, it is **73.8698, 0.3993, 0.4157**.

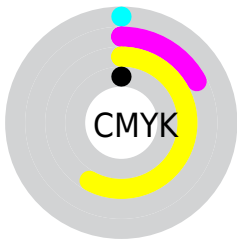
Distribution



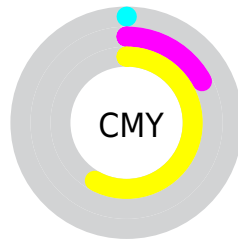
- Red (100%)
- Green (83%)
- Blue (42%)



- Red (66%)
- Yellow (100%)
- Blue (42%)



- Cyan (0%)
- Magenta (17%)
- Yellow (58%)
- Black (0%)




- Cyan (0%)
- Magenta (17%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4297, 0.4193, 0.4314 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 69.4297, 0.4193, 0.4314 by changing the saturation by 10% instead.

 69.4297, 0.4193,
0.4314


 69.4297, 0.4193,
0.4314


458.5450, 0.3719,
0.3867

 51.0617, 0.4290,
0.4404


 118.3951, 0.4036,
0.4168


 36.2577, 0.4404,
0.4506


 149.7613, 0.3973,
0.4108

 24.6333, 0.4534,
0.4622

 186.2291, 0.3917,
0.4055

 15.8041, 0.4681,
0.4748

 228.1828, 0.3868,
0.4009

 9.3856, 0.4853,
0.4889

276.0069, 0.3825,
0.3967

 4.9936, 0.5007,
0.4993

330.0857, 0.3786,

 2.2435, 0.5047,

0.3930

0.4953

390.8036, 0.3751,
0.3897

0.7435, 0.5144,
0.4856

0.0000, 0.0000,
0.0000

69.4297, 0.4193,
0.4314

69.4297, 0.4193,
0.4314

65.3269, 0.4384,
0.4440

73.8698, 0.3993,
0.4157

61.5348, 0.4557,
0.4525

78.6521, 0.3792,
0.3980

58.0376, 0.4702,
0.4561

83.7933, 0.3598,
0.3794

54.8107, 0.4815,
0.4547

89.3060, 0.3415,
0.3607

■ 54.0825, 0.4839,
0.4540

■ 95.2018, 0.3246,
0.3424

99.9948, 0.3127,
0.3290

Harmonies

Analogous

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



69.4297, 0.4486, 0.3853



69.4297, 0.4193, 0.4314



69.4297, 0.3629, 0.4554

Triad

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



69.4297, 0.4193, 0.4314



69.4297, 0.2014, 0.3043



69.4297, 0.3175, 0.2467

Complementary

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



69.4297, 0.4193, 0.4314



32.5213, 0.2115, 0.1950

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.



69.4297, 0.2534, 0.2258



69.4297, 0.4193, 0.4314



69.4297, 0.1925, 0.2518

Square

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



69.4297, 0.4193, 0.4314



69.4297, 0.2376, 0.3758



69.4297, 0.2103, 0.2263



69.4297, 0.3875, 0.2848

Rectangle

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



69.4297, 0.4193, 0.4314



69.4297, 0.3185, 0.4484



69.4297, 0.2103, 0.2263



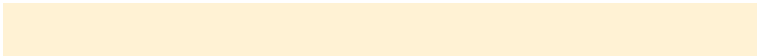
69.4297, 0.2945, 0.2376

Sweetspot

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



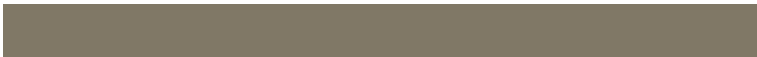
69.4330, 0.4193, 0.4314



89.6974, 0.3404, 0.3595



34.2476, 0.4351, 0.2851



18.9543, 0.3439, 0.3632



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.



69.4330, 0.4193, 0.4314



64.8114, 0.4409, 0.4455



88.6851, 0.3747, 0.4768



20.1413, 0.3276, 0.3458



28.5369, 0.4826, 0.4550



2.9675, 0.4736, 0.4622

Inverse Universe

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



32.5213, 0.2115, 0.1950



24.9751, 0.1927, 0.1641



23.2924, 0.2189, 0.1509



18.2426, 0.2979, 0.3117



6.5905, 0.1604, 0.0975



0.8207, 0.1665, 0.1193

Previews

White Background



This preview shows how the Yxy color 69.4297, 0.4193, 0.4314 looks on a white background.

Color Contrast Check

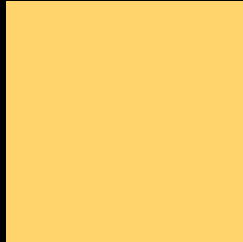
Large Text (above 18pt) WCAG AA × Fail

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 69.4297, 0.4193, 0.4314 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 69.4297, 0.4193, 0.4314

Background



This preview shows how black text looks on a background with the Yxy color 69.4297, 0.4193, 0.4314.



This preview shows how white text looks on a background with the Yxy color 69.4297, 0.4193, 0.4314.

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

69.4297, 0.4193, 0.4314

Protanopia

69.2768, 0.4033, 0.4395

Deuteranopia

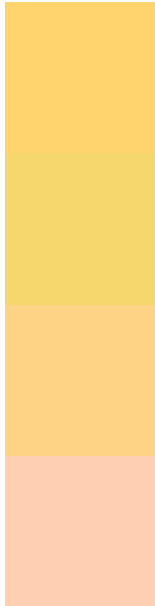
69.4913, 0.3937, 0.3929



Tritanopia

69.4036, 0.3435, 0.3169

Trichromacy



Original Color

69.4297, 0.4193, 0.4314

Protanomaly

69.1175, 0.4090, 0.4368

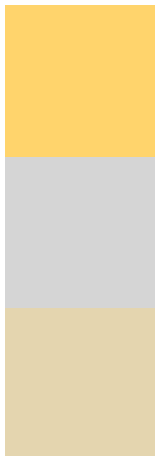
Deuteranomaly

69.5420, 0.4038, 0.4084

Tritanomaly

69.0600, 0.3729, 0.3602

Monochromacy



Original Color

69.4297, 0.4193, 0.4314

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.1776, 0.3512, 0.3714

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4297, 0.4193, 0.4314 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, 212, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 108)  
}
```

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, 212, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 108) }
```

Border

The CSS property to change the border of an element to Yxy 69.4297, 0.4193, 0.4314 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, 212, 108) }
```

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

```
.border{ border-color:rgb(255, 212, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4297, 0.4193, 0.4314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 108) }
```

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

```
.background{ background-color: rgb(255,  
212, 108) }
```

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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