

Converting Colors

$Yxy(69.6848, 0.4091, 0.4169)$

Have a look what the booklet for
Yxy(69.6848, 0.4091, 0.4169)
contains.

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Color

Yxy(69.8276, 0.4087, 0.4167)

Conversions

Conversions Part 1

Format	Color
Hex	FFD47D
RGB	255, 212, 125
RGB Percent	100%, 83%, 49%
CMY	0.0000, 0.1686, 0.5099
CMYK	0.00, 0.17, 0.51, 0.00
HSL	40°, 100%, 75%
HSV	40°, 51%, 100%
XYZ	68.4870, 69.8276, 29.2582
YIQ	214.9390, 53.5550, -17.9410

Conversions

Conversions Part 2

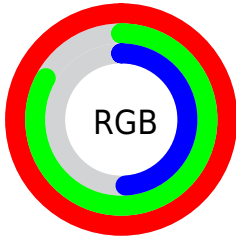
Format	Color
R _Y B	189, 255, 125
Decimal	16766077
CIE Lab	86.91, 4.67, 48.37
CIE LCh	87, 48.599, 84.487
Yxy	69.8276, 0.4087, 0.4167
Android (android.graphics.Color)	4294956157 (0xFFFFD47D)
YUV	214.9390, -44.3399, 35.1335
Hunter-Lab	83.5629, 0.0611, 37.7346

Details

The Yxy color **69.8276, 0.4087, 0.4167** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.5689, 0.2248, 0.2196**, and the grayscale version is **68.1882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0347, 0.3579, 0.4037**, and **36.6705, 0.4292, 0.4348** is the 20% darker color. If you saturate the color by 10%, you get **65.1521, 0.4298, 0.4308**, and if you desaturate by 10%, it is **74.8921, 0.3875, 0.4003**.

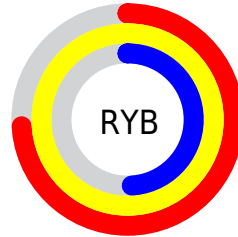
Distribution



Red (100%)

Green (83%)

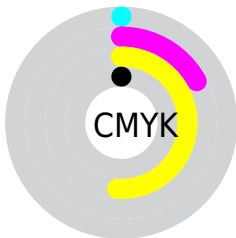
Blue (49%)



Red (74%)

Yellow (100%)

Blue (49%)

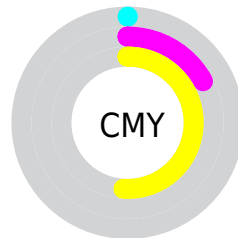


Cyan (0%)

Magenta (17%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.8276, 0.4087, 0.4167 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 69.8276, 0.4087, 0.4167 by changing the saturation by 10% instead.


 69.8276, 0.4087,
0.4167

 69.8276, 0.4087,
0.4167


459.9444, 0.3653,
0.3779


 51.3860, 0.4180,
0.4247


 118.9629, 0.3941,
0.4038

 36.5159, 0.4290,
0.4341


 150.4253, 0.3882,
0.3986

 24.8329, 0.4421,
0.4450


 186.9969, 0.3832,
0.3941

 15.9526, 0.4577,
0.4575

229.0619, 0.3787,
0.3901

 9.4906, 0.4758,
0.4711

277.0047, 0.3748,
0.3865

 5.0626, 0.5060,
0.4940

331.2098, 0.3713,

 2.2840, 0.5116,

0.3833

0.4884

392.0616, 0.3681,
0.3805

0.7652, 0.5237,
0.4763

0.0000, 0.0000,
0.0000

69.8276, 0.4087,
0.4167

69.8276, 0.4087,
0.4167

65.1521, 0.4298,
0.4308

74.8921, 0.3875,
0.4003

60.8468, 0.4500,
0.4415

80.3582, 0.3671,
0.3828

56.8941, 0.4681,
0.4477

86.2404, 0.3479,
0.3649

53.2725, 0.4833,
0.4488

92.5518, 0.3302,
0.3474

■ 50.2659, 0.4943,
0.4457

99.3044, 0.3142,
0.3306

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



69.8276, 0.4308, 0.3767



69.8276, 0.4087, 0.4167



69.8276, 0.3614, 0.4372

Triad

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



69.8276, 0.4087, 0.4167



69.8276, 0.2169, 0.3128



69.8276, 0.3130, 0.2549

Complementary

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



69.8276, 0.4087, 0.4167



39.5689, 0.2248, 0.2196

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.



69.8276, 0.2580, 0.2376



69.8276, 0.4087, 0.4167



69.8276, 0.2069, 0.2651

Square

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



69.8276, 0.4087, 0.4167



69.8276, 0.2511, 0.3735



69.8276, 0.2211, 0.2401



69.8276, 0.3733, 0.2879

Rectangle

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



69.8276, 0.4087, 0.4167



69.8276, 0.3231, 0.4320



69.8276, 0.2211, 0.2401



69.8276, 0.2932, 0.2471

Sweetspot

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



69.8284, 0.4087, 0.4167



89.9710, 0.3371, 0.3544



38.7574, 0.4088, 0.2846



18.9728, 0.3408, 0.3581



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.



69.8284, 0.4087, 0.4167



65.1493, 0.4299, 0.4308



90.3786, 0.3723, 0.4599



20.0191, 0.3277, 0.3449



26.5502, 0.4927, 0.4470



2.7855, 0.4822, 0.4553

Inverse Universe

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



39.5689, 0.2248, 0.2196



31.9939, 0.2075, 0.1936



28.0483, 0.2285, 0.1716



18.3588, 0.2979, 0.3126



7.3541, 0.1630, 0.1068



0.9066, 0.1692, 0.1291

Previews

White Background



This preview shows how the Yxy color 69.8276, 0.4087, 0.4167 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 69.8276, 0.4087, 0.4167 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 69.8276, 0.4087, 0.4167

Background



This preview shows how black text looks on a background with the Yxy color 69.8276, 0.4087, 0.4167.



This preview shows how white text looks on a background with the Yxy color 69.8276, 0.4087, 0.4167.

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

69.8276, 0.4087, 0.4167

Protanopia

70.0258, 0.3916, 0.4251

Deuteranopia

69.6863, 0.3893, 0.3869



Tritanopia

69.9324, 0.3425, 0.3169

Trichromacy



Original Color

69.8276, 0.4087, 0.4167

Protanomaly

70.0306, 0.3980, 0.4224

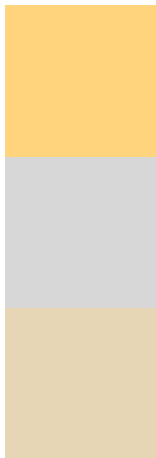
Deuteranomaly

69.8317, 0.3968, 0.3987

Tritanomaly

69.8324, 0.3672, 0.3540

Monochromacy



Original Color

69.8276, 0.4087, 0.4167

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.2935, 0.3475, 0.3644

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8276, 0.4087, 0.4167 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 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, 212, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 125) }
```

Border

The CSS property to change the border of an element to Yxy 69.8276, 0.4087, 0.4167 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, 125) }
```

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

```
.border{ border-color:rgb(255, 212, 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, 212, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8276, 0.4087, 0.4167 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, 125) }
```

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

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