

Converting Colors

$Yxy(69.4084, 0.3663, 0.3797)$

Have a look what the booklet for
Yxy(69.4084, 0.3663, 0.3797)
contains.

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Color

Yxy(69.4084, 0.3663, 0.3797)

Conversions

Conversions Part 1

Format	Color
Hex	F0D6A7
RGB	240, 214, 167
RGB Percent	94%, 84%, 65%
CMY	0.0588, 0.1608, 0.3451
CMYK	0.00, 0.11, 0.30, 0.06
HSL	39°, 71%, 80%
HSV	39°, 30%, 94%
XYZ	66.9589, 69.4084, 46.4307
YIQ	216.4160, 30.5830, -9.1050

Conversions

Conversions Part 2

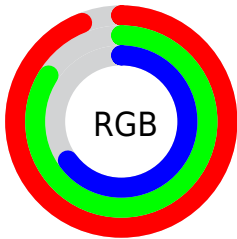
Format	Color
R _Y B	207, 240, 167
Decimal	15783591
CIE Lab	86.71, 2.20, 26.54
CIE LCh	87, 26.633, 85.262
Yxy	69.4084, 0.3663, 0.3797
Android (android.graphics.Color)	4293973671 (0xFFFF0D6A7)
YUV	216.4160, -24.3621, 20.6832
Hunter-Lab	83.3117, -2.3323, 25.2751

Details

The Yxy color **69.4084, 0.3663, 0.3797** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.6534, 0.2625, 0.2724**, and the grayscale version is **69.1243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0539, 0.3321, 0.3611**, and **36.1014, 0.3788, 0.3904** is the 20% darker color. If you saturate the color by 10%, you get **64.3899, 0.3871, 0.3967**, and if you desaturate by 10%, it is **74.8251, 0.3470, 0.3625**.

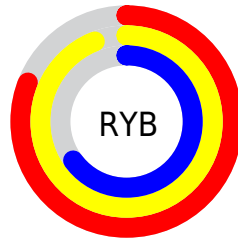
Distribution



Red (94%)

Green (84%)

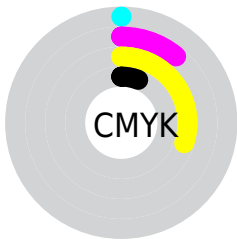
Blue (65%)



Red (81%)

Yellow (94%)

Blue (65%)

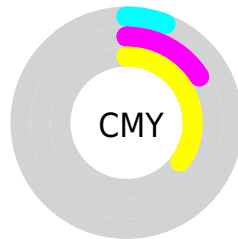


Cyan (0%)

Magenta (11%)

Yellow (30%)

Black (6%)



Cyan (6%)


Magenta (16%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4084, 0.3663, 0.3797 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 69.4084, 0.3663, 0.3797 by changing the saturation by 10% instead.


 69.4084, 0.3663,
0.3797

 69.4084, 0.3663,
0.3797

458.4701, 0.3414,
0.3564

 51.0444, 0.3720,
0.3849


 118.3647, 0.3577,
0.3717

 36.2439, 0.3789,
0.3914


 149.7258, 0.3543,
0.3685

 24.6226, 0.3876,
0.3994


186.1880, 0.3514,
0.3658

 15.7961, 0.3989,
0.4096


228.1358, 0.3489,
0.3634

 9.3800, 0.4137,
0.4229

275.9534, 0.3467,
0.3613

 4.9899, 0.4339,
0.4406

330.0255, 0.3447,

 2.2413, 0.4819,

0.3595

0.4840

390.7362, 0.3430,
0.3578

0.7424, 0.5056,
0.4944

0.0000, 0.0000,
0.0000

69.4084, 0.3663,
0.3797

69.4084, 0.3663,
0.3797

64.3899, 0.3871,
0.3967

74.8251, 0.3470,
0.3625

59.7475, 0.4088,
0.4125

80.6424, 0.3293,
0.3457

55.4710, 0.4309,
0.4263

86.8745, 0.3133,
0.3296

51.5454, 0.4522,
0.4368

93.0051, 0.3036,
0.3223

■ 47.9542, 0.4716,
0.4429

■ 97.2664, 0.3035,
0.3290

■ 44.6785, 0.4881,
0.4439

■ 41.8068, 0.5011,
0.4403

Harmonies

Analogous

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



69.4084, 0.3777, 0.3591



69.4084, 0.3663, 0.3797



69.4084, 0.3406, 0.3874

Triad

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



69.4084, 0.3663, 0.3797



69.4084, 0.2579, 0.3209



69.4084, 0.3146, 0.2864

Complementary

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



69.4084, 0.3663, 0.3797



52.6534, 0.2625, 0.2724

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.



69.4084, 0.2832, 0.2761



69.4084, 0.3663, 0.3797



69.4084, 0.2517, 0.2941

Square

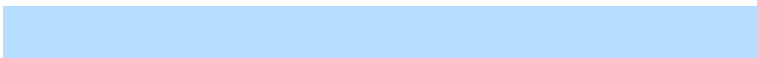
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.4084, 0.3663, 0.3797



69.4084, 0.2782, 0.3523



69.4084, 0.2607, 0.2784



69.4084, 0.3470, 0.3066

Rectangle

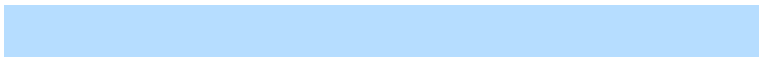
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.4084, 0.3663, 0.3797



69.4084, 0.3192, 0.3828



69.4084, 0.2607, 0.2784



69.4084, 0.3035, 0.2817

Sweetspot

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



69.4116, 0.3663, 0.3797



93.5034, 0.3270, 0.3434



50.0521, 0.3562, 0.2998



19.7967, 0.3294, 0.3458



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.



69.4116, 0.3663, 0.3797



76.3130, 0.3780, 0.3894



81.9827, 0.3517, 0.4069



17.4565, 0.3277, 0.3442



23.1446, 0.4994, 0.4416



2.1124, 0.4861, 0.4522

Inverse Universe

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



52.6534, 0.2625, 0.2724



54.4629, 0.2523, 0.2597



43.2492, 0.2658, 0.2414



16.1501, 0.2980, 0.3134



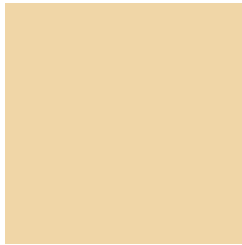
7.2709, 0.1650, 0.1140



0.7862, 0.1723, 0.1402

Previews

White Background



This preview shows how the Yxy color 69.4084, 0.3663, 0.3797 looks on a white background.

Color Contrast Check

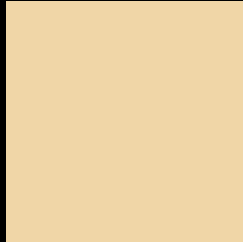
Large Text (above 18pt) WCAG AA × Fail

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 69.4084, 0.3663, 0.3797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

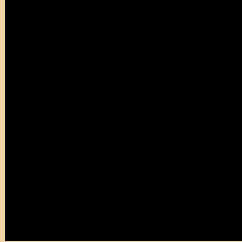
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.4084, 0.3663, 0.3797

Background



This preview shows how black text looks on a background with the Yxy color 69.4084, 0.3663, 0.3797.



This preview shows how white text looks on a background with the Yxy color 69.4084, 0.3663, 0.3797.

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

69.4084, 0.3663, 0.3797

Protanopia

69.6087, 0.3584, 0.3829

Deuteranopia

69.1989, 0.3795, 0.3706



Tritanopia

69.0632, 0.3310, 0.3115

Trichromacy



Original Color

69.4084, 0.3663, 0.3797

Protanomaly

69.6011, 0.3610, 0.3814

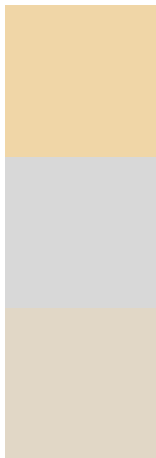
Deuteranomaly

69.2443, 0.3748, 0.3732

Tritanomaly

69.1458, 0.3439, 0.3354

Monochromacy



Original Color

69.4084, 0.3663, 0.3797

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.6856, 0.3319, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4084, 0.3663, 0.3797 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(240, 214, 167)` looks like.

```
.text, #text, p{  
    color:rgb(240, 214, 167)  
}
```

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(240, 214, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 214, 167) }
```

Border

The CSS property to change the border of an element to Yxy 69.4084, 0.3663, 0.3797 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(240, 214, 167) }
```

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

```
.border{ border-color:rgb(240, 214, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 214, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 214, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 214, 167);  
box-shadow:4px 4px 4px 4px rgb(240, 214,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4084, 0.3663, 0.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 214, 167) }
```

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

```
.background{ background-color: rgb(240,  
214, 167) }
```

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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