

Converting Colors

$Yxy(69.4603, 0.3762, 0.3863)$

Have a look what the booklet for
Yxy(69.4603, 0.3762, 0.3863)
contains.

Yxy(69.5042, 0.3764, 0.3864)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.5042, 0.3764, 0.3864)

Conversions

Conversions Part 1

Format	Color
Hex	F5D59F
RGB	245, 213, 159
RGB Percent	96%, 84%, 62%
CMY	0.0393, 0.1647, 0.3763
CMYK	0.00, 0.13, 0.35, 0.04
HSL	38°, 81%, 79%
HSV	38°, 35%, 96%
XYZ	67.7054, 69.5042, 42.6667
YIQ	216.4120, 36.4060, -10.0100

Conversions

Conversions Part 2

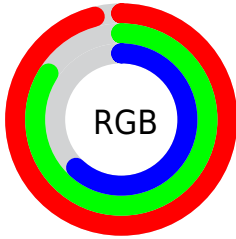
Format	Color
R _Y B	210, 245, 159
Decimal	16111007
CIE Lab	86.75, 3.64, 30.81
CIE LCh	87, 31.021, 83.255
Yxy	69.5042, 0.3764, 0.3864
Android (android.graphics.Color)	4294301087 (0xFFFF5D59F)
YUV	216.4120, -28.3041, 25.0717
Hunter-Lab	83.3692, -0.9334, 28.0150

Details

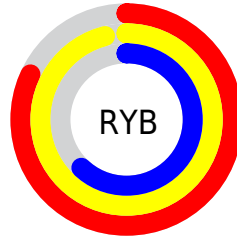
The Yxy color **69.5042, 0.3764, 0.3864** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.2319, 0.2543, 0.2637**, and the grayscale version is **69.1458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **36.0801, 0.3910, 0.3988** is the 20% darker color. If you saturate the color by 10%, you get **64.2826, 0.3981, 0.4026**, and if you desaturate by 10%, it is **75.1584, 0.3561, 0.3696**.

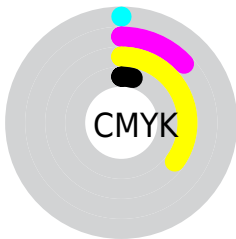
Distribution



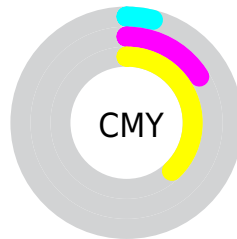
- Red (96%)
- Green (84%)
- Blue (62%)



- Red (82%)
- Yellow (96%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (35%)
- Black (4%)




- Cyan (4%)
- Magenta (16%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5042, 0.3764, 0.3864 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 69.5042, 0.3764, 0.3864 by changing the saturation by 10% instead.


 69.5042, 0.3764,
0.3864

 69.5042, 0.3764,
0.3864

458.8072, 0.3469,
0.3602

 51.1224, 0.3831,
0.3922


 118.5014, 0.3662,
0.3774

 36.3061, 0.3912,
0.3992

 149.8857, 0.3622,
0.3739

 24.6707, 0.4014,
0.4079


186.3729, 0.3588,
0.3709

 15.8319, 0.4143,
0.4188

228.3475, 0.3558,
0.3682

 9.4053, 0.4312,
0.4326

276.1938, 0.3532,
0.3658

 5.0064, 0.4535,
0.4499

330.2963, 0.3508,

 2.2510, 0.5064,

0.3637

0.4936

391.0393, 0.3487,
0.3619

0.7476, 0.5168,
0.4832

0.0000, 0.0000,
0.0000

69.5042, 0.3764,
0.3864

69.5042, 0.3764,
0.3864

64.2826, 0.3981,
0.4026

75.1584, 0.3561,
0.3696

59.4697, 0.4206,
0.4174

81.2489, 0.3374,
0.3529

55.0535, 0.4431,
0.4294

87.7913, 0.3206,
0.3368

51.0170, 0.4644,
0.4377

94.6658, 0.3067,
0.3236

■ 47.3412, 0.4833,
0.4411

■ 98.1484, 0.3066,
0.3290

■ 44.0035, 0.4989,
0.4391

■ 42.4704, 0.5057,
0.4367

Harmonies

Analogous

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



69.5042, 0.3885, 0.3614



69.5042, 0.3764, 0.3864



69.5042, 0.3471, 0.3973

Triad

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



69.5042, 0.3764, 0.3864



69.5042, 0.2504, 0.3216



69.5042, 0.3121, 0.2787

Complementary

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



69.5042, 0.3764, 0.3864



51.2319, 0.2543, 0.2637

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.



69.5042, 0.2762, 0.2677



69.5042, 0.3764, 0.3864



69.5042, 0.2423, 0.2898

Square

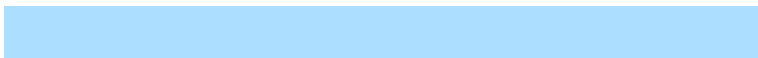
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.5042, 0.3764, 0.3864



69.5042, 0.2745, 0.3586



69.5042, 0.2514, 0.2711



69.5042, 0.3502, 0.3012

Rectangle

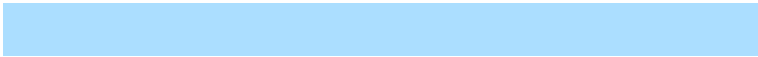
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.5042, 0.3764, 0.3864



69.5042, 0.3225, 0.3932



69.5042, 0.2514, 0.2711



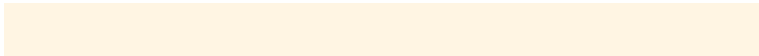
69.5042, 0.2993, 0.2736

Sweetspot

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



69.5074, 0.3764, 0.3864



91.8458, 0.3304, 0.3463



48.0245, 0.3641, 0.2936



19.4527, 0.3327, 0.3485



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.



69.5074, 0.3764, 0.3864



72.0779, 0.3915, 0.3979



85.4498, 0.3585, 0.4187



18.2170, 0.3278, 0.3438



23.1586, 0.5039, 0.4381



2.2319, 0.4905, 0.4488

Inverse Universe

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



51.2319, 0.2543, 0.2637



49.3616, 0.2419, 0.2479



39.8448, 0.2560, 0.2254



16.9365, 0.2980, 0.3137



7.8379, 0.1662, 0.1182



0.8790, 0.1731, 0.1430

Previews

White Background



This preview shows how the Yxy color 69.5042, 0.3764, 0.3864 looks on a white background.

Color Contrast Check

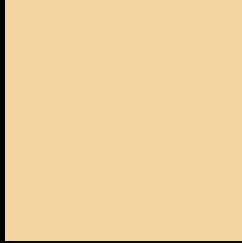
Large Text (above 18pt) WCAG AA × Fail

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 69.5042, 0.3764, 0.3864 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 69.5042, 0.3764, 0.3864

Background



This preview shows how black text looks on a background with the Yxy color 69.5042, 0.3764, 0.3864.



This preview shows how white text looks on a background with the Yxy color 69.5042, 0.3764, 0.3864.

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

69.5042, 0.3764, 0.3864

Protanopia

69.5226, 0.3641, 0.3904

Deuteranopia

69.5413, 0.3822, 0.3757



Tritanopia

69.5785, 0.3372, 0.3127

Trichromacy



Original Color

69.5042, 0.3764, 0.3864

Protanomaly

69.6543, 0.3683, 0.3898

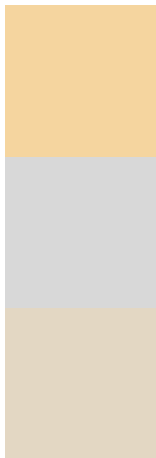
Deuteranomaly

69.2111, 0.3801, 0.3793

Tritanomaly

69.3287, 0.3517, 0.3396

Monochromacy



Original Color

69.5042, 0.3764, 0.3864

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.8719, 0.3356, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5042, 0.3764, 0.3864 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(245, 213, 159)` looks like.

```
.text, #text, p{  
    color:rgb(245, 213, 159)  
}
```

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(245, 213, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 213, 159) }
```

Border

The CSS property to change the border of an element to Yxy 69.5042, 0.3764, 0.3864 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(245, 213, 159) }
```

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

```
.border{ border-color:rgb(245, 213, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 213, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 213, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 213, 159);  
box-shadow:4px 4px 4px 4px rgb(245, 213,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5042, 0.3764, 0.3864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 213, 159) }
```

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

```
.background{ background-color: rgb(245,  
213, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor