

Converting Colors

$Y_{xy}(69.2499, 0.3859, 0.3803)$

Have a look what the booklet for
Yxy(69.2499, 0.3859, 0.3803)
contains.

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Color

Yxy(69.3641, 0.3859, 0.3808)

Conversions

Conversions Part 1

Format	Color
Hex	FFD19F
RGB	255, 209, 159
RGB Percent	100%, 82%, 62%
CMY	0.0001, 0.1803, 0.3764
CMYK	0.00, 0.18, 0.38, 0.00
HSL	31°, 100%, 81%
HSV	31°, 38%, 100%
XYZ	70.2931, 69.3641, 42.4964
YIQ	217.0540, 43.4660, -5.7980

Conversions

Conversions Part 2

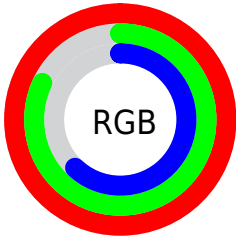
Format	Color
R_{YB}	247, 255, 159
Decimal	16765343
CIE _{Lab}	86.68, 9.56, 30.88
CIE _{LCh}	87, 32.327, 72.801
Yxy	69.3641, 0.3859, 0.3808
Android (android.graphics.Color)	4294955423 (0xFFFFD19F)
YUV	217.0540, -28.6206, 33.2786
Hunter-Lab	83.2851, 4.9060, 28.0467

Details

The Yxy color $69.3641, 0.3859, 0.3808$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $58.2484, 0.2515, 0.2704$, and the grayscale version is $69.6064, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.6350, 0.3370, 0.3691$, and $36.3745, 0.4033, 0.3922$ is the 20% darker color. If you saturate the color by 10%, you get $62.8055, 0.4107, 0.3943$, and if you desaturate by 10%, it is $76.5713, 0.3632, 0.3666$.

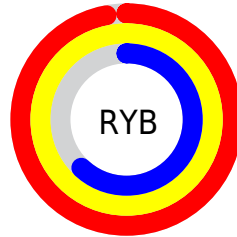
Distribution



Red (100%)

Green (82%)

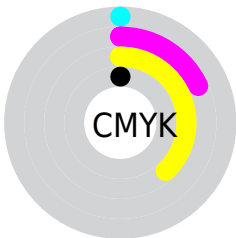
Blue (62%)



Red (97%)

Yellow (100%)

Blue (62%)

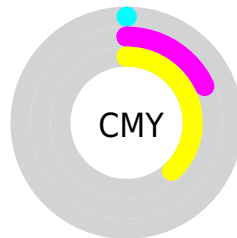


Cyan (0%)

Magenta (18%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3641, 0.3859, 0.3808 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 69.3641, 0.3859, 0.3808 by changing the saturation by 10% instead.


 69.3641, 0.3859,
0.3808


 69.3641, 0.3859,
0.3808

458.3141, 0.3518,
0.3576

 51.0083, 0.3936,
0.3858

 118.3015, 0.3741,
0.3730

 36.2152, 0.4031,
0.3918


 149.6518, 0.3695,
0.3699

 24.6004, 0.4150,
0.3990


186.1025, 0.3655,
0.3672

 15.7796, 0.4303,
0.4079

228.0378, 0.3620,
0.3648

 9.3683, 0.4503,
0.4186

275.8423, 0.3590,
0.3627

 4.9822, 0.4771,
0.4312

329.9002, 0.3563,

 2.2368, 0.5365,

0.3608

0.4635

390.5960, 0.3539,
0.3591

0.7400, 0.5596,
0.4404

0.0000, 0.0000,
0.0000

69.3641, 0.3859,
0.3808

69.3641, 0.3859,
0.3808

62.8055, 0.4107,
0.3943

76.5713, 0.3632,
0.3666

56.8641, 0.4371,
0.4061

84.4375, 0.3429,
0.3525

51.5201, 0.4641,
0.4151

92.9852, 0.3249,
0.3389

46.7482, 0.4901,
0.4199

99.9950, 0.3127,
0.3290

■ 42.5201, 0.5136,
0.4194

■ 38.8017, 0.5330,
0.4134

■ 37.9860, 0.5373,
0.4115

Harmonies

Analogous

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



69.3641, 0.3909, 0.3517



69.3641, 0.3859, 0.3808



69.3641, 0.3606, 0.3985

Triad

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



69.3641, 0.3859, 0.3808



69.3641, 0.2549, 0.3347



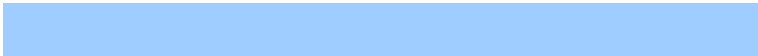
69.3641, 0.2981, 0.2712

Complementary

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



69.3641, 0.3859, 0.3808



58.2484, 0.2515, 0.2704

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.



69.3641, 0.2640, 0.2647



69.3641, 0.3859, 0.3808



69.3641, 0.2404, 0.2983

Square

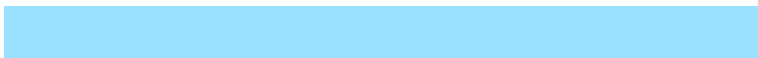
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.3641, 0.3859, 0.3808



69.3641, 0.2847, 0.3722



69.3641, 0.2436, 0.2737



69.3641, 0.3384, 0.2908

Rectangle

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



69.3641, 0.3859, 0.3808



69.3641, 0.3365, 0.3996



69.3641, 0.2436, 0.2737



69.3641, 0.2856, 0.2675

Sweetspot

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



69.3674, 0.3859, 0.3808



90.0482, 0.3307, 0.3434



50.4881, 0.3604, 0.2812



19.0240, 0.3331, 0.3453



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.



69.3674, 0.3859, 0.3808



64.4850, 0.4040, 0.3909



94.9604, 0.3683, 0.4232



19.5529, 0.3281, 0.3414



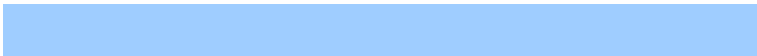
20.1541, 0.5349, 0.4135



2.1812, 0.5181, 0.4268

Inverse Universe

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



58.2484, 0.2515, 0.2704



51.9444, 0.2394, 0.2565



39.5625, 0.2443, 0.2145



18.8134, 0.2979, 0.3163



11.3596, 0.1751, 0.1504



1.3233, 0.1810, 0.1715

Previews

White Background



This preview shows how the Yxy color 69.3641, 0.3859, 0.3808 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 69.3641, 0.3859, 0.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

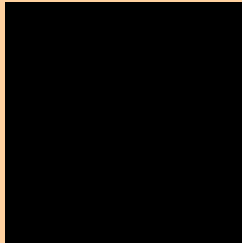
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.3641, 0.3859, 0.3808

Background



This preview shows how black text looks on a background with the Yxy color 69.3641, 0.3859, 0.3808.



This preview shows how white text looks on a background with the Yxy color 69.3641, 0.3859, 0.3808.

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

69.3641, 0.3859, 0.3808

Protanopia

69.5937, 0.3627, 0.3882

Deuteranopia

69.5053, 0.3829, 0.3767



Tritanopia

69.4555, 0.3427, 0.3159

Trichromacy



Original Color

69.3641, 0.3859, 0.3808

Protanomaly

69.4025, 0.3707, 0.3849

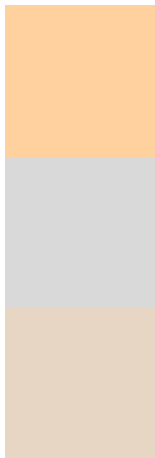
Deuteranomaly

69.4696, 0.3837, 0.3777

Tritanomaly

69.3881, 0.3585, 0.3394

Monochromacy



Original Color

69.3641, 0.3859, 0.3808

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.0676, 0.3381, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3641, 0.3859, 0.3808 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, 209, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 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(255, 209, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 159) }
```

Border

The CSS property to change the border of an element to Yxy 69.3641, 0.3859, 0.3808 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, 209, 159) }
```

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

```
.border{ border-color:rgb(255, 209, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3641, 0.3859, 0.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 159) }
```

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

```
.background{ background-color: rgb(255,  
209, 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](#).

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