

Converting Colors

$Yxy(64.3269, 0.3966, 0.3879)$

Have a look what the booklet for
Yxy(64.3269, 0.3966, 0.3879)
contains.

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Color

Yxy(64.3269, 0.3966, 0.3879)

Conversions

Conversions Part 1

Format	Color
Hex	FBC991
RGB	251, 201, 145
RGB Percent	98%, 79%, 57%
CMY	0.0159, 0.2117, 0.4314
CMYK	0.00, 0.20, 0.42, 0.02
HSL	32°, 93%, 78%
HSV	32°, 42%, 98%
XYZ	65.7697, 64.3269, 35.7372
YIQ	209.5660, 47.7760, -6.8160

Conversions

Conversions Part 2

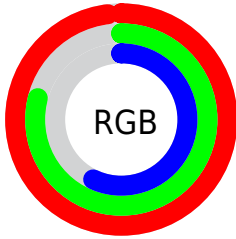
Format	Color
R_{YB}	240, 251, 145
Decimal	16501137
CIE _{Lab}	84.14, 10.63, 34.69
CIE _{LCh}	84, 36.280, 72.965
Yxy	64.3269, 0.3966, 0.3879
Android (android.graphics.Color)	4294691217 (0xFFFB991)
YUV	209.5660, -31.8310, 36.3376
Hunter-Lab	80.2041, 6.0181, 29.7245

Details

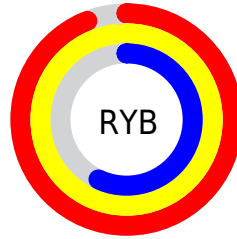
The Yxy color **64.3269, 0.3966, 0.3879** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.9825, 0.2438, 0.2609**, and the grayscale version is **64.3383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **33.0130, 0.4170, 0.3996** is the 20% darker color. If you saturate the color by 10%, you get **58.3350, 0.4220, 0.4010**, and if you desaturate by 10%, it is **70.9204, 0.3731, 0.3738**.

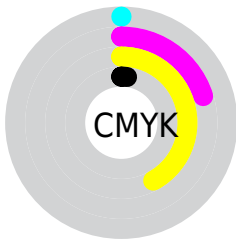
Distribution



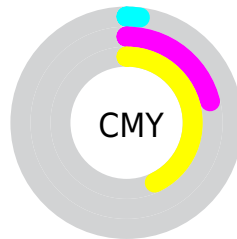
- Red (98%)
- Green (79%)
- Blue (57%)



- Red (94%)
- Yellow (98%)
- Blue (57%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (2%)





- Cyan (2%)
- Magenta (21%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.3269, 0.3966, 0.3879 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 64.3269, 0.3966, 0.3879 by changing the saturation by 10% instead.


 64.3269, 0.3966,
0.3879


 64.3269, 0.3966,
0.3879


440.3692, 0.3571,
0.3615

 46.9155, 0.4056,
0.3935


 111.0816, 0.3829,
0.3790

 32.9689, 0.4167,
0.4003


 141.1937, 0.3775,
0.3755

 22.1026, 0.4305,
0.4083


176.3081, 0.3729,
0.3724

 13.9323, 0.4481,
0.4179

216.8092, 0.3689,
0.3697

 8.0736, 0.4708,
0.4289

263.0815, 0.3654,
0.3673

 4.1421, 0.5044,
0.4438

315.5094, 0.3623,

 1.7534, 0.5462,

0.3651

0.4538

374.4771, 0.3596,
0.3632

0.4578, 0.6027,
0.3973

0.0000, 0.0000,
0.0000

64.3269, 0.3966,
0.3879

64.3269, 0.3966,
0.3879

58.3350, 0.4220,
0.4010

70.9204, 0.3731,
0.3738

52.9148, 0.4484,
0.4118

78.1260, 0.3518,
0.3594

48.0467, 0.4748,
0.4192

85.9651, 0.3328,
0.3453

43.7057, 0.4994,
0.4219

94.4553, 0.3161,
0.3319

■ 39.8635, 0.5208,
0.4190

■ 99.2413, 0.3102,
0.3290

■ 37.1918, 0.5349,
0.4135

Harmonies

Analogous

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



64.3269, 0.4029, 0.3544



64.3269, 0.3966, 0.3879



64.3269, 0.3671, 0.4090

Triad

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



64.3269, 0.3966, 0.3879



64.3269, 0.2463, 0.3349



64.3269, 0.2960, 0.2635

Complementary

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



64.3269, 0.3966, 0.3879



51.9825, 0.2438, 0.2609

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.



64.3269, 0.2571, 0.2558



64.3269, 0.3966, 0.3879



64.3269, 0.2302, 0.2930

Square

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



64.3269, 0.3966, 0.3879



64.3269, 0.2801, 0.3789



64.3269, 0.2341, 0.2654



64.3269, 0.3423, 0.2856

Rectangle

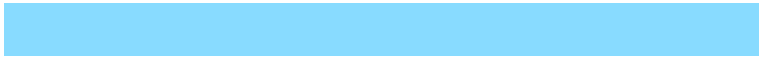
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.3269, 0.3966, 0.3879



64.3269, 0.3393, 0.4108



64.3269, 0.2341, 0.2654



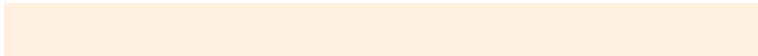
64.3269, 0.2817, 0.2591

Sweetspot

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



64.3299, 0.3966, 0.3879



88.4803, 0.3343, 0.3464



44.7473, 0.3686, 0.2754



18.5443, 0.3383, 0.3495



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.



64.3299, 0.3966, 0.3879



61.1951, 0.4189, 0.3995



91.1869, 0.3746, 0.4339



18.7445, 0.3281, 0.3416



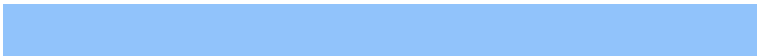
19.8513, 0.5325, 0.4154



2.0509, 0.5153, 0.4291

Inverse Universe

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



51.9825, 0.2438, 0.2609



46.7942, 0.2295, 0.2434



33.3946, 0.2345, 0.1982



17.9920, 0.2980, 0.3161



10.7937, 0.1745, 0.1481



1.2100, 0.1807, 0.1704

Previews

White Background



This preview shows how the Yxy color 64.3269, 0.3966, 0.3879 looks on a white background.

Color Contrast Check

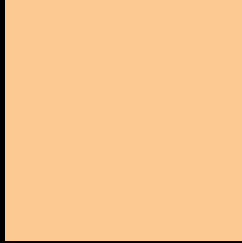
Large Text (above 18pt) WCAG AA × Fail

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 64.3269, 0.3966, 0.3879 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 64.3269, 0.3966, 0.3879

Background



This preview shows how black text looks on a background with the Yxy color 64.3269, 0.3966, 0.3879.



This preview shows how white text looks on a background with the Yxy color 64.3269, 0.3966, 0.3879.

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

64.3269, 0.3966, 0.3879

Protanopia

64.5940, 0.3702, 0.3976

Deuteranopia

64.3269, 0.3966, 0.3879



Tritanopia

64.3976, 0.3515, 0.3147

Trichromacy



Original Color

64.3269, 0.3966, 0.3879

Protanomaly

64.5966, 0.3795, 0.3938

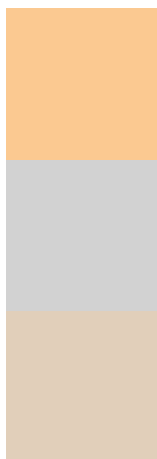
Deuteranomaly

64.3269, 0.3966, 0.3879

Tritanomaly

64.5061, 0.3687, 0.3417

Monochromacy



Original Color

64.3269, 0.3966, 0.3879

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.1784, 0.3420, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3269, 0.3966, 0.3879 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(251, 201, 145)` looks like.

```
.text, #text, p{  
    color:rgb(251, 201, 145)  
}
```

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(251, 201, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 201, 145) }
```

Border

The CSS property to change the border of an element to Yxy 64.3269, 0.3966, 0.3879 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(251, 201, 145) }
```

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

```
.border{ border-color:rgb(251, 201, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 201, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 201, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 201, 145);  
box-shadow:4px 4px 4px 4px rgb(251, 201,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3269, 0.3966, 0.3879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 201, 145) }
```

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

```
.background{ background-color: rgb(251,  
201, 145) }
```

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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