

Converting Colors

Yxy(67.0632, 0.3916, 0.3903)

Have a look what the booklet for
Yxy(67.0632, 0.3916, 0.3903)
contains.

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Color

Yxy(67.2730, 0.3917, 0.3908)

Conversions

Conversions Part 1

Format	Color
Hex	FBCF94
RGB	251, 207, 148
RGB Percent	98%, 81%, 58%
CMY	0.0159, 0.1881, 0.4197
CMYK	0.00, 0.18, 0.41, 0.02
HSL	34°, 93%, 78%
HSV	34°, 41%, 98%
XYZ	67.4279, 67.2730, 37.4408
YIQ	213.4300, 45.1630, -9.0210

Conversions

Conversions Part 2

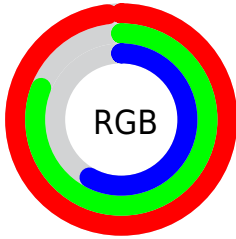
Format	Color
R_{YB}	225, 251, 148
Decimal	16502676
CIE _{Lab}	85.64, 7.82, 35.13
CIE _{LCh}	86, 35.988, 77.444
Yxy	67.2730, 0.3917, 0.3908
Android (android.graphics.Color)	4294692756 (0xFFFB _{CF} 94)
YUV	213.4300, -32.2570, 32.9489
Hunter-Lab	82.0201, 3.2079, 30.3492

Details

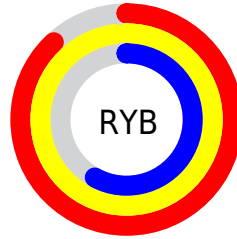
The Yxy color **67.2730, 0.3917, 0.3908** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.9166, 0.2448, 0.2573**, and the grayscale version is **67.0387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **34.9645, 0.4108, 0.4047** is the 20% darker color. If you saturate the color by 10%, you get **61.5521, 0.4156, 0.4051**, and if you desaturate by 10%, it is **73.5243, 0.3694, 0.3755**.

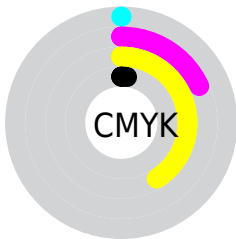
Distribution



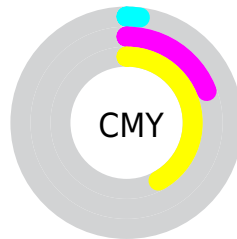
- Red (98%)
- Green (81%)
- Blue (58%)



- Red (88%)
- Yellow (98%)
- Blue (58%)



- Cyan (0%)
- Magenta (18%)
- Yellow (41%)
- Black (2%)




- Cyan (2%)
- Magenta (19%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2730, 0.3917, 0.3908 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 67.2730, 0.3917, 0.3908 by changing the saturation by 10% instead.

 67.2730, 0.3917,
0.3908


 67.2730, 0.3917,
0.3908


450.9159, 0.3549,
0.3630

 49.3065, 0.4000,
0.3968

 115.3115, 0.3790,
0.3814

 34.8627, 0.4101,
0.4040


 146.1523, 0.3740,
0.3777

 23.5571, 0.4227,
0.4126


182.0534, 0.3697,
0.3744

 15.0054, 0.4387,
0.4231

223.3990, 0.3660,
0.3716

 8.8232, 0.4592,
0.4356

270.5737, 0.3627,
0.3690

 4.6260, 0.4871,
0.4510

323.9618, 0.3598,

 2.0296, 0.5291,

0.3668

0.4709

383.9478, 0.3572,
0.3648

0.6246, 0.5568,
0.4432

0.0000, 0.0000,
0.0000

67.2730, 0.3917,
0.3908

67.2730, 0.3917,
0.3908

61.5521, 0.4156,
0.4051

73.5243, 0.3694,
0.3755

56.3339, 0.4402,
0.4172

80.3133, 0.3489,
0.3600

51.6019, 0.4646,
0.4260

87.6594, 0.3306,
0.3449

47.3342, 0.4873,
0.4303

95.5776, 0.3143,
0.3304

■ 43.5059, 0.5070,
0.4292

■ 99.2404, 0.3102,
0.3290

■ 40.4152, 0.5217,
0.4240

Harmonies

Analogous

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



67.2730, 0.4016, 0.3593



67.2730, 0.3917, 0.3908



67.2730, 0.3603, 0.4085

Triad

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



67.2730, 0.3917, 0.3908



67.2730, 0.2442, 0.3282



67.2730, 0.3029, 0.2672

Complementary

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



67.2730, 0.3917, 0.3908



50.9166, 0.2448, 0.2573

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.



67.2730, 0.2632, 0.2574



67.2730, 0.3917, 0.3908



67.2730, 0.2313, 0.2888

Square

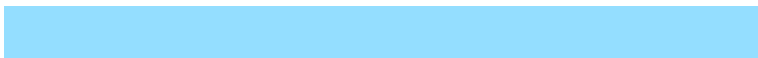
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.2730, 0.3917, 0.3908



67.2730, 0.2751, 0.3719



67.2730, 0.2380, 0.2643



67.2730, 0.3483, 0.2908

Rectangle

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



67.2730, 0.3917, 0.3908



67.2730, 0.3322, 0.4076



67.2730, 0.2380, 0.2643



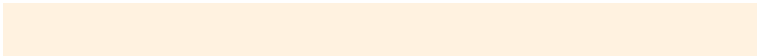
67.2730, 0.2885, 0.2623

Sweetspot

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



67.2762, 0.3917, 0.3908



90.1356, 0.3323, 0.3463



45.5079, 0.3716, 0.2822



19.0740, 0.3346, 0.3483



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.



67.2762, 0.3917, 0.3908



64.9716, 0.4107, 0.4024



90.3509, 0.3694, 0.4325



18.8778, 0.3280, 0.3426



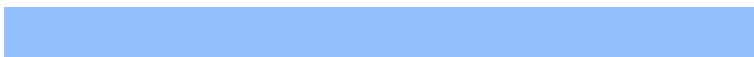
21.5479, 0.5195, 0.4257



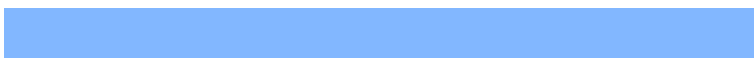
2.2059, 0.5042, 0.4378

Inverse Universe

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



50.9166, 0.2448, 0.2573



45.9830, 0.2313, 0.2402



35.0906, 0.2406, 0.2036



17.8604, 0.2979, 0.3150



9.4719, 0.1706, 0.1340



1.0827, 0.1770, 0.1571

Previews

White Background



This preview shows how the Yxy color 67.2730, 0.3917, 0.3908 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 67.2730, 0.3917, 0.3908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

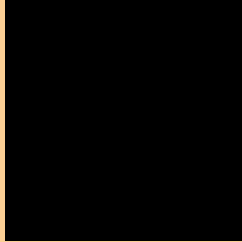
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.2730, 0.3917, 0.3908

Background



This preview shows how black text looks on a background with the Yxy color 67.2730, 0.3917, 0.3908.



This preview shows how white text looks on a background with the Yxy color 67.2730, 0.3917, 0.3908.

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

67.2730, 0.3917, 0.3908

Protanopia

67.3164, 0.3706, 0.3986

Deuteranopia

67.1247, 0.3944, 0.3860



Tritanopia

67.4236, 0.3456, 0.3148

Trichromacy



Original Color

67.2730, 0.3917, 0.3908

Protanomaly

66.9677, 0.3781, 0.3953

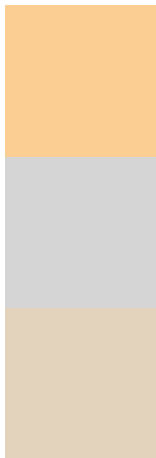
Deuteranomaly

67.3834, 0.3939, 0.3882

Tritanomaly

67.5004, 0.3631, 0.3426

Monochromacy



Original Color

67.2730, 0.3917, 0.3908

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.5935, 0.3406, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2730, 0.3917, 0.3908 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, 207, 148)` looks like.

```
.text, #text, p{  
    color:rgb(251, 207, 148)  
}
```

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, 207, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 207, 148) }
```

Border

The CSS property to change the border of an element to Yxy 67.2730, 0.3917, 0.3908 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, 207, 148) }
```

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

```
.border{ border-color:rgb(251, 207, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 207, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 207, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 207, 148);  
box-shadow:4px 4px 4px 4px rgb(251, 207,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2730, 0.3917, 0.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 207, 148) }
```

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

```
.background{ background-color: rgb(251,  
207, 148) }
```

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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