

Converting Colors

$Yxy(67.1215, 0.3998, 0.3903)$

Have a look what the booklet for
Yxy(67.1215, 0.3998, 0.3903)
contains.

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Color

Yxy(66.9670, 0.3981, 0.3910)

Conversions

Conversions Part 1

Format	Color
Hex	FFCD91
RGB	255, 205, 145
RGB Percent	100%, 80%, 57%
CMY	0.0000, 0.1961, 0.4314
CMYK	0.00, 0.20, 0.43, 0.00
HSL	33°, 100%, 78%
HSV	33°, 43%, 100%
XYZ	68.1830, 66.9670, 36.1211
YIQ	213.1100, 49.0600, -8.0600

Conversions

Conversions Part 2

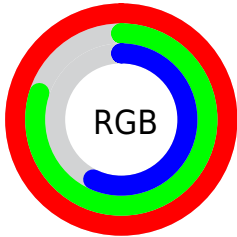
Format	Color
R _Y B	237, 255, 145
Decimal	16764305
CIE Lab	85.49, 10.15, 36.53
CIE LCh	85, 37.910, 74.475
Yxy	66.9670, 0.3981, 0.3910
Android (android.graphics.Color)	4294954385 (0xFFFFCD91)
YUV	213.1100, -33.5782, 36.7375
Hunter-Lab	81.8334, 5.5166, 31.1129

Details

The Yxy color **66.9670, 0.3981, 0.3910** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.2696, 0.2418, 0.2567**, and the grayscale version is **66.8230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **34.6771, 0.4173, 0.4036** is the 20% darker color. If you saturate the color by 10%, you get **60.9279, 0.4231, 0.4043**, and if you desaturate by 10%, it is **73.5988, 0.3747, 0.3765**.

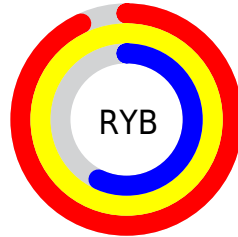
Distribution



Red (100%)

Green (80%)

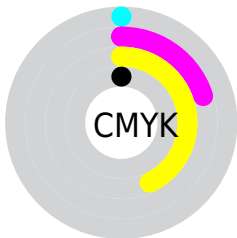
Blue (57%)



Red (93%)

Yellow (100%)

Blue (57%)

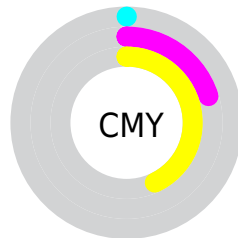


Cyan (0%)

Magenta (20%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9670, 0.3981, 0.3910 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 66.9670, 0.3981, 0.3910 by changing the saturation by 10% instead.


 66.9670, 0.3981,
0.3910


 66.9670, 0.3981,
0.3910


449.8273, 0.3583,
0.3634

 49.0578, 0.4071,
0.3969


 114.8731, 0.3843,
0.3817

 34.6653, 0.4180,
0.4038


 145.6388, 0.3790,
0.3780

 23.4052, 0.4316,
0.4121


181.4589, 0.3743,
0.3748

 14.8930, 0.4488,
0.4219

222.7176, 0.3703,
0.3720

 8.7443, 0.4708,
0.4331

269.7994, 0.3667,
0.3695

 4.5748, 0.5019,
0.4474

323.0887, 0.3636,

 2.0000, 0.5413,

0.3672

0.4587

382.9699, 0.3608,
0.3652

0.6075, 0.5760,
0.4240

0.0000, 0.0000,
0.0000

66.9670, 0.3981,
0.3910

66.9670, 0.3981,
0.3910

60.9279, 0.4231,
0.4043

73.5988, 0.3747,
0.3765

55.4526, 0.4490,
0.4153

80.8346, 0.3535,
0.3617

50.5213, 0.4744,
0.4226

88.6955, 0.3344,
0.3471

46.1089, 0.4980,
0.4251

97.1987, 0.3176,
0.3332

■ 42.1867, 0.5182,
0.4221

100.0000, 0.3127,
0.3290

■ 39.7541, 0.5300,
0.4174

Harmonies

Analogous

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



66.9670, 0.4061, 0.3568



66.9670, 0.3981, 0.3910



66.9670, 0.3667, 0.4120

Triad

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



66.9670, 0.3981, 0.3910



66.9670, 0.2431, 0.3326



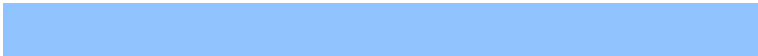
66.9670, 0.2977, 0.2625

Complementary

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



66.9670, 0.3981, 0.3910



52.2696, 0.2418, 0.2567

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.



66.9670, 0.2572, 0.2537



66.9670, 0.3981, 0.3910



66.9670, 0.2276, 0.2900

Square

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



66.9670, 0.3981, 0.3910



66.9670, 0.2770, 0.3785



66.9670, 0.2326, 0.2625



66.9670, 0.3456, 0.2858

Rectangle

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



66.9670, 0.3981, 0.3910



66.9670, 0.3376, 0.4131



66.9670, 0.2326, 0.2625



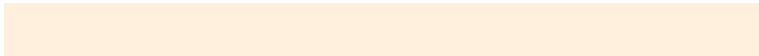
66.9670, 0.2828, 0.2577

Sweetspot

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



66.9697, 0.3981, 0.3910



88.8066, 0.3342, 0.3469



45.5128, 0.3723, 0.2761



18.6248, 0.3382, 0.3501



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.



66.9697, 0.3981, 0.3910



61.5852, 0.4202, 0.4029



94.1357, 0.3746, 0.4366



19.6293, 0.3281, 0.3420



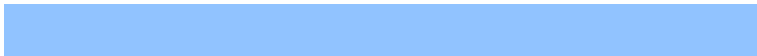
21.0749, 0.5277, 0.4192



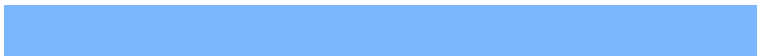
2.2705, 0.5120, 0.4317

Inverse Universe

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



52.2696, 0.2418, 0.2567



45.1171, 0.2273, 0.2385



33.8306, 0.2337, 0.1952



18.7377, 0.2979, 0.3157



10.5769, 0.1729, 0.1425



1.2448, 0.1789, 0.1641

Previews

White Background



This preview shows how the Yxy color 66.9670, 0.3981, 0.3910 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 66.9670, 0.3981, 0.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

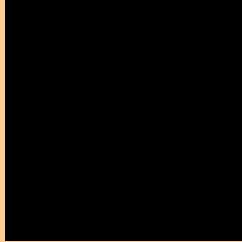
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.9670, 0.3981, 0.3910

Background



This preview shows how black text looks on a background with the Yxy color 66.9670, 0.3981, 0.3910.



This preview shows how white text looks on a background with the Yxy color 66.9670, 0.3981, 0.3910.

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

66.9670, 0.3981, 0.3910

Protanopia

67.2520, 0.3720, 0.4008

Deuteranopia

67.0292, 0.3966, 0.3890



Tritanopia

66.8603, 0.3474, 0.3158

Trichromacy



Original Color

66.9670, 0.3981, 0.3910

Protanomaly

67.2519, 0.3811, 0.3970

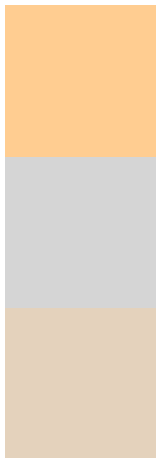
Deuteranomaly

66.9980, 0.3974, 0.3900

Tritanomaly

66.6641, 0.3660, 0.3426

Monochromacy



Original Color

66.9670, 0.3981, 0.3910

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.2180, 0.3423, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9670, 0.3981, 0.3910 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, 205, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 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(255, 205, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 145) }
```

Border

The CSS property to change the border of an element to Yxy 66.9670, 0.3981, 0.3910 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, 205, 145) }
```

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

```
.border{ border-color:rgb(255, 205, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 205, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 205, 145); box-shadow:4px 4px 4px 4px rgb(255, 205, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9670, 0.3981, 0.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 145) }
```

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

```
.background{ background-color: rgb(255,  
205, 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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