

Converting Colors

$Yxy(66.5523, 0.3971, 0.3880)$

Have a look what the booklet for
Yxy(66.5523, 0.3971, 0.3880)
contains.

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Color

Yxy(66.5523, 0.3971, 0.3880)

Conversions

Conversions Part 1

Format	Color
Hex	FFCC93
RGB	255, 204, 147
RGB Percent	100%, 80%, 58%
CMY	0.0000, 0.2001, 0.4235
CMYK	0.00, 0.20, 0.42, 0.00
HSL	32°, 100%, 79%
HSV	32°, 42%, 100%
XYZ	68.1132, 66.5523, 36.8611
YIQ	212.7510, 48.6930, -6.9150

Conversions

Conversions Part 2

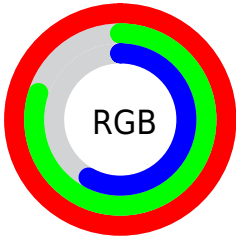
Format	Color
R_{YB}	244, 255, 147
Decimal	16764051
CIE Lab	85.28, 10.90, 35.23
CIE LCh	85, 36.873, 72.808
Yxy	66.5523, 0.3971, 0.3880
Android (android.graphics.Color)	4294954131 (0xFFFFCC93)
YUV	212.7510, -32.4152, 37.0524
Hunter-Lab	81.5796, 6.2706, 30.3160

Details

The Yxy color **66.5523, 0.3971, 0.3880** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.8204, 0.2436, 0.2607**, and the grayscale version is **66.5546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0443, 0.3442, 0.3810**, and **34.3930, 0.4161, 0.3999** is the 20% darker color. If you saturate the color by 10%, you get **60.3262, 0.4225, 0.4010**, and if you desaturate by 10%, it is **73.3861, 0.3735, 0.3739**.

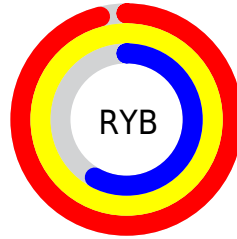
Distribution



Red (100%)

Green (80%)

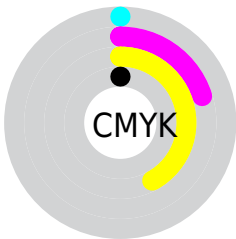
Blue (58%)



Red (96%)

Yellow (100%)

Blue (58%)

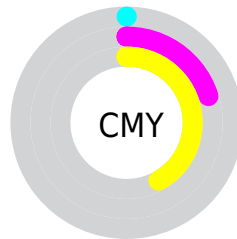


Cyan (0%)

Magenta (20%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5523, 0.3971, 0.3880 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 66.5523, 0.3971, 0.3880 by changing the saturation by 10% instead.


 66.5523, 0.3971,
0.3880


 66.5523, 0.3971,
0.3880


448.3495, 0.3576,
0.3617

 48.7209, 0.4060,
0.3936


 114.2787, 0.3834,
0.3792

 34.3981, 0.4170,
0.4002


 144.9424, 0.3781,
0.3757

 23.1996, 0.4306,
0.4081


180.6524, 0.3735,
0.3726

 14.7410, 0.4479,
0.4174

221.7930, 0.3695,
0.3699

 8.6378, 0.4703,
0.4282

268.7486, 0.3660,
0.3675

 4.5057, 0.5014,
0.4414

321.9036, 0.3629,

 1.9603, 0.5455,

0.3654

0.4545

381.6425, 0.3601,
0.3634

0.5842, 0.5844,
0.4156

0.0000, 0.0000,
0.0000

66.5523, 0.3971,
0.3880

66.5523, 0.3971,
0.3880

60.3262, 0.4225,
0.4010

73.3861, 0.3735,
0.3739

54.7049, 0.4491,
0.4118

80.8668, 0.3521,
0.3595

49.6585, 0.4755,
0.4191

89.0075, 0.3331,
0.3454

45.1609, 0.5001,
0.4216

97.8264, 0.3163,
0.3320

■ 41.1823, 0.5215, 100.0000, 0.3127,
0.4187 0.3290

■ 38.4613, 0.5354,
0.4131

Harmonies

Analogous

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



66.5523, 0.4033, 0.3543



66.5523, 0.3971, 0.3880



66.5523, 0.3676, 0.4093

Triad

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



66.5523, 0.3971, 0.3880



66.5523, 0.2462, 0.3352



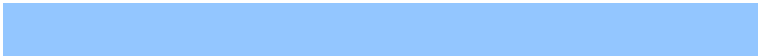
66.5523, 0.2956, 0.2631

Complementary

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



66.5523, 0.3971, 0.3880



53.8204, 0.2436, 0.2607

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.



66.5523, 0.2567, 0.2555



66.5523, 0.3971, 0.3880



66.5523, 0.2299, 0.2930

Square

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



66.5523, 0.3971, 0.3880



66.5523, 0.2802, 0.3794



66.5523, 0.2337, 0.2652



66.5523, 0.3422, 0.2853

Rectangle

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



66.5523, 0.3971, 0.3880



66.5523, 0.3396, 0.4112



66.5523, 0.2337, 0.2652



66.5523, 0.2813, 0.2588

Sweetspot

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



66.5460, 0.3971, 0.3880



88.4587, 0.3343, 0.3463



46.2620, 0.3689, 0.2752



18.5389, 0.3383, 0.3494



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.



66.5460, 0.3971, 0.3880



61.1310, 0.4190, 0.3994



94.5470, 0.3748, 0.4343



19.5736, 0.3281, 0.3416



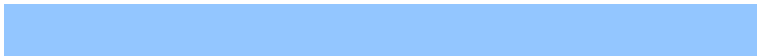
20.3985, 0.5329, 0.4150



2.2050, 0.5164, 0.4281

Inverse Universe

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



53.8204, 0.2436, 0.2607



46.8552, 0.2295, 0.2436



34.4603, 0.2342, 0.1976



18.7929, 0.2979, 0.3161



11.1426, 0.1745, 0.1483



1.3016, 0.1804, 0.1695

Previews

White Background



This preview shows how the Yxy color 66.5523, 0.3971, 0.3880 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 66.5523, 0.3971, 0.3880 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 66.5523, 0.3971, 0.3880

Background



This preview shows how black text looks on a background with the Yxy color 66.5523, 0.3971, 0.3880.



This preview shows how white text looks on a background with the Yxy color 66.5523, 0.3971, 0.3880.

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

66.5523, 0.3971, 0.3880

Protanopia

66.6459, 0.3702, 0.3978

Deuteranopia

66.5523, 0.3971, 0.3880



Tritanopia

66.3513, 0.3483, 0.3158

Trichromacy



Original Color

66.5523, 0.3971, 0.3880

Protanomaly

66.6459, 0.3793, 0.3940

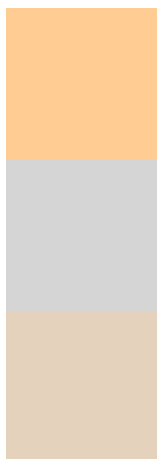
Deuteranomaly

66.5523, 0.3971, 0.3880

Tritanomaly

66.1994, 0.3662, 0.3416

Monochromacy



Original Color

66.5523, 0.3971, 0.3880

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.2613, 0.3416, 0.3524

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5523, 0.3971, 0.3880 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, 204, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 147)  
}
```

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, 204, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 147) }
```

Border

The CSS property to change the border of an element to Yxy 66.5523, 0.3971, 0.3880 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, 204, 147) }
```

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

```
.border{ border-color:rgb(255, 204, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5523, 0.3971, 0.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 147) }
```

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

```
.background{ background-color: rgb(255,  
204, 147) }
```

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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