

Converting Colors

$Yxy(64.3976, 0.3885, 0.3682)$

Have a look what the booklet for
Yxy(64.3976, 0.3885, 0.3682)
contains.

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Color

Yxy(64.2214, 0.3886, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6A1
RGB	255, 198, 161
RGB Percent	100%, 78%, 63%
CMY	0.0002, 0.2234, 0.3686
CMYK	0.00, 0.22, 0.37, 0.00
HSL	24°, 100%, 82%
HSV	24°, 37%, 100%
XYZ	67.8533, 64.2214, 42.5349
YIQ	210.8250, 45.8490, 0.5770

Conversions

Conversions Part 2

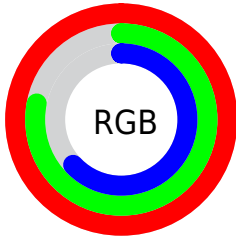
Format	Color
RYB	255, 222, 161
Decimal	16762529
CIELab	84.08, 15.49, 26.35
CIELCh	84, 30.564, 59.556
Yxy	64.2214, 0.3886, 0.3678
Android (android.graphics.Color)	4294952609 (0xFFFFC6A1)
YUV	210.8250, -24.5637, 38.7415
Hunter-Lab	80.1383, 10.8945, 24.6275

Details

The Yxy color **64.2214, 0.3886, 0.3678** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.8941, 0.2549, 0.2862**, and the grayscale version is **65.1621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **32.9210, 0.4081, 0.3757** is the 20% darker color. If you saturate the color by 10%, you get **56.7085, 0.4167, 0.3782**, and if you desaturate by 10%, it is **72.6439, 0.3638, 0.3569**.

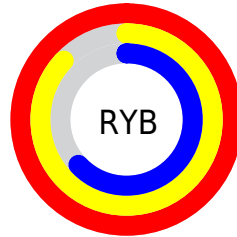
Distribution



Red (100%)

Green (78%)

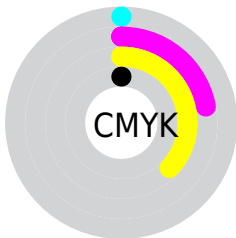
Blue (63%)



Red (100%)

Yellow (87%)

Blue (63%)

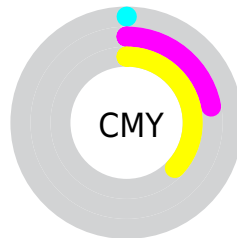


Cyan (0%)

Magenta (22%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.2214, 0.3886, 0.3678 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 64.2214, 0.3886, 0.3678 by changing the saturation by 10% instead.


 64.2214, 0.3886,
0.3678


 64.2214, 0.3886,
0.3678


439.9887, 0.3525,
0.3506

 46.8300, 0.3970,
0.3715


 110.9297, 0.3759,
0.3620

 32.9013, 0.4074,
0.3758


 141.0155, 0.3710,
0.3597

 22.0508, 0.4207,
0.3810


176.1014, 0.3668,
0.3577

 13.8943, 0.4381,
0.3872

216.5720, 0.3632,
0.3560

 8.0472, 0.4615,
0.3944

262.8117, 0.3600,
0.3544

 4.1251, 0.4943,
0.4020

315.2047, 0.3572,

 1.7438, 0.5714,

0.3530

0.4286

374.1356, 0.3547,
0.3517

0.4518, 0.6412,
0.3588

0.0000, 0.0000,
0.0000

64.2214, 0.3886,
0.3678

64.2214, 0.3886,
0.3678

56.7085, 0.4167,
0.3782

72.6439, 0.3638,
0.3569

50.0634, 0.4476,
0.3872

81.9978, 0.3423,
0.3461

44.2543, 0.4803,
0.3935

92.3153, 0.3238,
0.3357

39.2432, 0.5130,
0.3959

99.9907, 0.3127,
0.3290

■ 34.9886, 0.5429,
0.3932

■ 31.4428, 0.5677,
0.3851

■ 30.4589, 0.5746,
0.3819

Harmonies

Analogous

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



64.2214, 0.3836, 0.3373



64.2214, 0.3886, 0.3678



64.2214, 0.3721, 0.3908

Triad

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



64.2214, 0.3886, 0.3678



64.2214, 0.2678, 0.3513



64.2214, 0.2827, 0.2683

Complementary

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



64.2214, 0.3886, 0.3678



64.8941, 0.2549, 0.2862

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.



64.2214, 0.2548, 0.2685



64.2214, 0.3886, 0.3678



64.2214, 0.2466, 0.3139

Square

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



64.2214, 0.3886, 0.3678



64.2214, 0.3017, 0.3834



64.2214, 0.2420, 0.2841



64.2214, 0.3203, 0.2821

Rectangle

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



64.2214, 0.3886, 0.3678



64.2214, 0.3518, 0.3978



64.2214, 0.2420, 0.2841



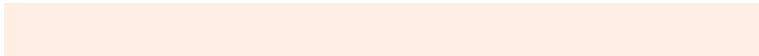
64.2214, 0.2719, 0.2667

Sweetspot

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



64.2244, 0.3886, 0.3678



87.9557, 0.3311, 0.3400



51.8498, 0.3475, 0.2700



18.5261, 0.3336, 0.3414



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.



64.2244, 0.3886, 0.3678



58.7876, 0.4083, 0.3753



88.5188, 0.3719, 0.4115



19.1615, 0.3284, 0.3384



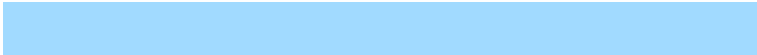
16.1927, 0.5717, 0.3843



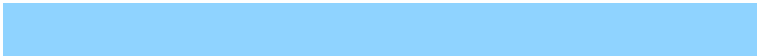
1.7823, 0.5507, 0.4009

Inverse Universe

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



64.8941, 0.2549, 0.2862



59.5196, 0.2441, 0.2763



44.2820, 0.2468, 0.2302



19.2092, 0.2979, 0.3194



16.2334, 0.1873, 0.1941



1.7937, 0.1920, 0.2111

Previews

White Background



This preview shows how the Yxy color 64.2214, 0.3886, 0.3678 looks on a white background.

Color Contrast Check

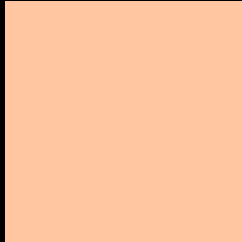
Large Text (above 18pt) WCAG AA × Fail

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 64.2214, 0.3886, 0.3678 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 64.2214, 0.3886, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 64.2214, 0.3886, 0.3678.



This preview shows how white text looks on a background with the Yxy color 64.2214, 0.3886, 0.3678.

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

64.2214, 0.3886, 0.3678

Protanopia

64.5343, 0.3545, 0.3791

Deuteranopia

64.0855, 0.3817, 0.3729



Tritanopia

64.3486, 0.3523, 0.3157

Trichromacy



Original Color

64.2214, 0.3886, 0.3678

Protanomaly

64.4851, 0.3670, 0.3754

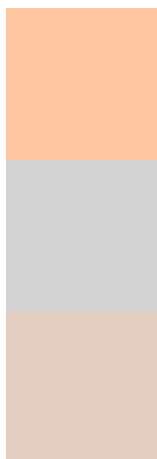
Deuteranomaly

64.1706, 0.3845, 0.3715

Tritanomaly

64.0079, 0.3659, 0.3344

Monochromacy



Original Color

64.2214, 0.3886, 0.3678

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.3238, 0.3385, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2214, 0.3886, 0.3678 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, 198, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 161)  
}
```

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, 198, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 161) }
```

Border

The CSS property to change the border of an element to Yxy 64.2214, 0.3886, 0.3678 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, 198, 161) }
```

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

```
.border{ border-color:rgb(255, 198, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2214, 0.3886, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 161) }
```

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

```
.background{ background-color: rgb(255,  
198, 161) }
```

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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