

Converting Colors

Yxy(64.0598, 0.4032, 0.3881)

Have a look what the booklet for
Yxy(64.0598, 0.4032, 0.3881)
contains.

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Color

Yxy(64.0598, 0.4032, 0.3881)

Conversions

Conversions Part 1

Format	Color
Hex	FFC78E
RGB	255, 199, 142
RGB Percent	100%, 78%, 56%
CMY	0.0000, 0.2196, 0.4431
CMYK	0.00, 0.22, 0.44, 0.00
HSL	30°, 100%, 78%
HSV	30°, 44%, 100%
XYZ	66.5522, 64.0598, 34.4480
YIQ	209.2460, 51.6730, -5.8550

Conversions

Conversions Part 2

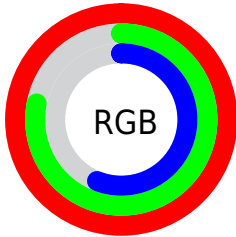
Format	Color
R _Y B	253, 255, 142
Decimal	16762766
CIE _{Lab}	84.00, 12.97, 36.13
CIE _{LCh}	84, 38.388, 70.247
Y _{xy}	64.0598, 0.4032, 0.3881
Android (android.graphics.Color)	4294952846 (0xFFFFC78E)
Y _{UV}	209.2460, -33.1523, 40.1263
Hunter-Lab	80.0374, 8.3599, 30.5078

Details

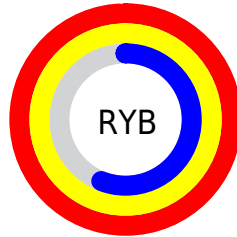
The Yxy color **64.0598, 0.4032, 0.3881** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.3611, 0.2409, 0.2602**, and the grayscale version is **64.1228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7655, 0.3478, 0.3870**, and **32.7419, 0.4246, 0.3998** is the 20% darker color. If you saturate the color by 10%, you get **57.8019, 0.4297, 0.4002**, and if you desaturate by 10%, it is **70.9733, 0.3786, 0.3747**.

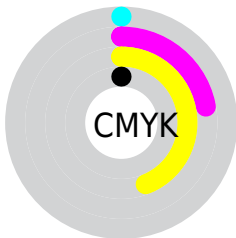
Distribution



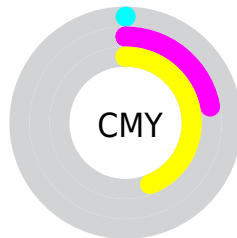
- Red (100%)
- Green (78%)
- Blue (56%)



- Red (99%)
- Yellow (100%)
- Blue (56%)



- Cyan (0%)
- Magenta (22%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0598, 0.4032, 0.3881 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 64.0598, 0.4032, 0.3881 by changing the saturation by 10% instead.


 64.0598, 0.4032,
0.3881

 64.0598, 0.4032,
0.3881


439.4056, 0.3606,
0.3619

 46.6991, 0.4129,
0.3936


 110.6971, 0.3884,
0.3794

 32.7979, 0.4248,
0.4001


 140.7424, 0.3826,
0.3758

 21.9716, 0.4397,
0.4077


175.7848, 0.3777,
0.3728

 13.8361, 0.4585,
0.4165

216.2085, 0.3734,
0.3701

 8.0067, 0.4828,
0.4262

262.3981, 0.3696,
0.3677

 4.0993, 0.5203,
0.4403

314.7379, 0.3662,

 1.7292, 0.5587,

0.3655

0.4413

373.6122, 0.3632,
0.3636

0.4425, 0.6249,
0.3751

0.0000, 0.0000,
0.0000

64.0598, 0.4032,
0.3881

64.0598, 0.4032,
0.3881

57.8019, 0.4297,
0.4002

70.9733, 0.3786,
0.3747

52.1798, 0.4573,
0.4099

78.5685, 0.3564,
0.3609

47.1662, 0.4846,
0.4159

86.8651, 0.3368,
0.3473

42.7329, 0.5100,
0.4168

95.8830, 0.3195,
0.3344

■ 38.8471, 0.5316,
0.4122

100.0000, 0.3127,
0.3290

■ 36.8606, 0.5423,
0.4076

Harmonies

Analogous

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



64.0598, 0.4075, 0.3520



64.0598, 0.4032, 0.3881



64.0598, 0.3737, 0.4125

Triad

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



64.0598, 0.4032, 0.3881



64.0598, 0.2451, 0.3395



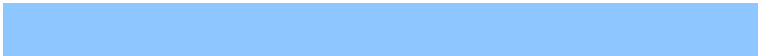
64.0598, 0.2906, 0.2585

Complementary

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



64.0598, 0.4032, 0.3881



53.3611, 0.2409, 0.2602

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.



64.0598, 0.2510, 0.2519



64.0598, 0.4032, 0.3881



64.0598, 0.2264, 0.2942

Square

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



64.0598, 0.4032, 0.3881



64.0598, 0.2820, 0.3858



64.0598, 0.2286, 0.2636



64.0598, 0.3396, 0.2806

Rectangle

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



64.0598, 0.4032, 0.3881



64.0598, 0.3448, 0.4163



64.0598, 0.2286, 0.2636



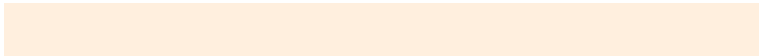
64.0598, 0.2759, 0.2545

Sweetspot

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



64.0585, 0.4032, 0.3881



88.0078, 0.3344, 0.3456



44.7068, 0.3707, 0.2709



18.4277, 0.3384, 0.3485



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.



64.0585, 0.4032, 0.3881



58.5868, 0.4261, 0.3988



94.7330, 0.3788, 0.4382



19.5014, 0.3282, 0.3410



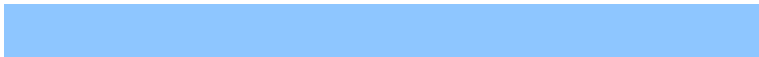
19.5597, 0.5398, 0.4096



2.1230, 0.5223, 0.4235

Inverse Universe

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



53.3611, 0.2409, 0.2602



46.6715, 0.2272, 0.2437



32.3173, 0.2287, 0.1901



18.8648, 0.2979, 0.3167



11.9183, 0.1767, 0.1559



1.3787, 0.1824, 0.1766

Previews

White Background



This preview shows how the Yxy color 64.0598, 0.4032, 0.3881 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 64.0598, 0.4032, 0.3881 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 64.0598, 0.4032, 0.3881

Background



This preview shows how black text looks on a background with the Yxy color 64.0598, 0.4032, 0.3881.



This preview shows how white text looks on a background with the Yxy color 64.0598, 0.4032, 0.3881.

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

64.0598, 0.4032, 0.3881

Protanopia

64.3373, 0.3715, 0.4011

Deuteranopia

64.2355, 0.3989, 0.3909



Tritanopia

63.8562, 0.3533, 0.3157

Trichromacy



Original Color

64.0598, 0.4032, 0.3881

Protanomaly

64.1915, 0.3829, 0.3957

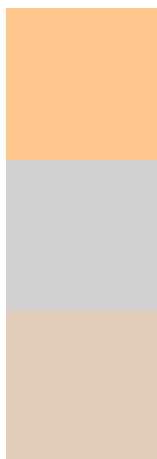
Deuteranomaly

63.9570, 0.4002, 0.3897

Tritanomaly

63.7091, 0.3717, 0.3417

Monochromacy



Original Color

64.0598, 0.4032, 0.3881

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.3342, 0.3439, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0598, 0.4032, 0.3881 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, 199, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 142)  
}
```

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, 199, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 142) }
```

Border

The CSS property to change the border of an element to Yxy 64.0598, 0.4032, 0.3881 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, 199, 142) }
```

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

```
.border{ border-color:rgb(255, 199, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 199, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 199, 142); box-shadow:4px 4px 4px 4px rgb(255, 199, 142) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0598, 0.4032, 0.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 142) }
```

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

```
.background{ background-color: rgb(255,  
199, 142) }
```

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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