

Converting Colors

Yxy(62.9966, 0.4147, 0.4006)

Have a look what the booklet for
Yxy(62.9966, 0.4147, 0.4006)
contains.

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Color

Yxy(63.2067, 0.4142, 0.4008)

Conversions

Conversions Part 1

Format	Color
Hex	FFC680
RGB	255, 198, 128
RGB Percent	100%, 78%, 50%
CMY	0.0001, 0.2234, 0.4981
CMYK	0.00, 0.22, 0.50, 0.00
HSL	33°, 100%, 75%
HSV	33°, 50%, 100%
XYZ	65.3199, 63.2067, 29.1747
YIQ	207.0630, 56.4420, -9.6860

Conversions

Conversions Part 2

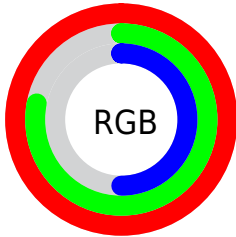
Format	Color
RYB	231, 255, 128
Decimal	16762496
CIELab	83.55, 12.14, 42.70
CIElCh	84, 44.394, 74.132
Yxy	63.2067, 0.4142, 0.4008
Android (android.graphics.Color)	4294952576 (0xFFFFC680)
YUV	207.0630, -38.9781, 42.0407
Hunter-Lab	79.5026, 7.5272, 33.8944

Details

The Yxy color **63.2067, 0.4142, 0.4008** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.4747, 0.2307, 0.2421**, and the grayscale version is **62.6681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1574, 0.3561, 0.4008**, and **32.2181, 0.4384, 0.4144** is the 20% darker color. If you saturate the color by 10%, you get **57.5886, 0.4397, 0.4128**, and if you desaturate by 10%, it is **69.3942, 0.3898, 0.3869**.

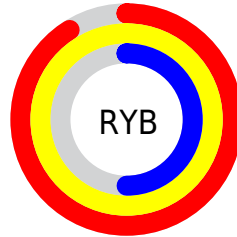
Distribution



Red (100%)

Green (78%)

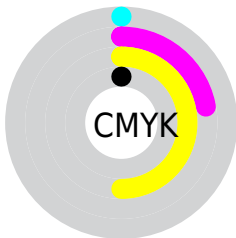
Blue (50%)



Red (91%)

Yellow (100%)

Blue (50%)

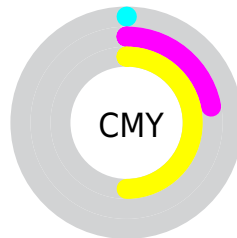


Cyan (0%)

Magenta (22%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.2067, 0.4142, 0.4008 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 63.2067, 0.4142, 0.4008 by changing the saturation by 10% instead.


 63.2067, 0.4142,
0.4008


 63.2067, 0.4142,
0.4008

436.3193, 0.3668,
0.3692


 46.0084, 0.4248,
0.4073


 109.4677, 0.3978,
0.3903

 32.2525, 0.4377,
0.4148


 139.2992, 0.3914,
0.3861

 21.5544, 0.4534,
0.4235


 174.1105, 0.3859,
0.3824

 13.5299, 0.4729,
0.4331

214.2862, 0.3811,
0.3791

 7.7944, 0.4968,
0.4428

260.2105, 0.3768,
0.3762

 3.9637, 0.5388,
0.4612

312.2678, 0.3731,

 1.6533, 0.5553,

0.3736

0.4447

370.8426, 0.3697,
0.3713

0.3931, 0.6302,
0.3698

0.0000, 0.0000,
0.0000

63.2067, 0.4142,
0.4008

63.2067, 0.4142,
0.4008

57.5886, 0.4397,
0.4128

69.3942, 0.3898,
0.3869

52.5092, 0.4651,
0.4216

76.1618, 0.3673,
0.3720

47.9478, 0.4892,
0.4260

83.5313, 0.3468,
0.3571

43.8776, 0.5104,
0.4250

91.5203, 0.3285,
0.3425

■ 40.2609, 0.5279, 99.9932, 0.3127,
0.4189 0.3290

■ 40.1929, 0.5282,
0.4188

Harmonies

Analogous

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



63.2067, 0.4241, 0.3599



63.2067, 0.4142, 0.4008



63.2067, 0.3765, 0.4277

Triad

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



63.2067, 0.4142, 0.4008



63.2067, 0.2307, 0.3333



63.2067, 0.2938, 0.2509

Complementary

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



63.2067, 0.4142, 0.4008



46.4747, 0.2307, 0.2421

Split Complementary

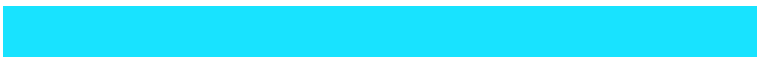
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.2067, 0.2465, 0.2407



63.2067, 0.4142, 0.4008



63.2067, 0.2128, 0.2822

Square

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



63.2067, 0.4142, 0.4008



63.2067, 0.2703, 0.3894



63.2067, 0.2184, 0.2505



63.2067, 0.3509, 0.2778

Rectangle

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



63.2067, 0.4142, 0.4008



63.2067, 0.3420, 0.4305



63.2067, 0.2184, 0.2505



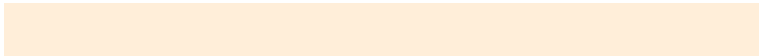
63.2067, 0.2763, 0.2454

Sweetspot

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



63.2097, 0.4142, 0.4008



87.3167, 0.3378, 0.3500



40.1967, 0.3884, 0.2705



18.3324, 0.3417, 0.3531



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.



63.2097, 0.4142, 0.4008



57.5008, 0.4402, 0.4130



93.1243, 0.3815, 0.4522



19.6482, 0.3280, 0.3421



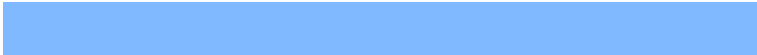
21.3110, 0.5260, 0.4206



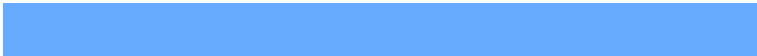
2.2932, 0.5104, 0.4329

Inverse Universe

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



46.4747, 0.2307, 0.2421



39.0243, 0.2146, 0.2203



27.7491, 0.2208, 0.1719



18.7190, 0.2979, 0.3155



10.3908, 0.1724, 0.1406



1.2260, 0.1784, 0.1623

Previews

White Background



This preview shows how the Yxy color 63.2067, 0.4142, 0.4008 looks on a white background.

Color Contrast Check

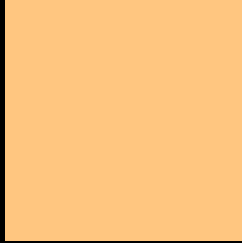
Large Text (above 18pt) WCAG AA × Fail

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 63.2067, 0.4142, 0.4008 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 63.2067, 0.4142, 0.4008

Background



This preview shows how black text looks on a background with the Yxy color 63.2067, 0.4142, 0.4008.



This preview shows how white text looks on a background with the Yxy color 63.2067, 0.4142, 0.4008.

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

63.2067, 0.4142, 0.4008

Protanopia

63.5978, 0.3827, 0.4150

Deuteranopia

63.1008, 0.4112, 0.4025



Tritanopia

63.3189, 0.3551, 0.3167

Trichromacy



Original Color

63.2067, 0.4142, 0.4008

Protanomaly

63.3059, 0.3935, 0.4094

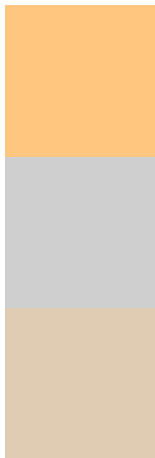
Deuteranomaly

63.2880, 0.4120, 0.4022

Tritanomaly

62.9782, 0.3778, 0.3480

Monochromacy



Original Color

63.2067, 0.4142, 0.4008

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.2474, 0.3478, 0.3586

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2067, 0.4142, 0.4008 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 128) }
```

Border

The CSS property to change the border of an element to Yxy 63.2067, 0.4142, 0.4008 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, 128) }
```

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

```
.border{ border-color:rgb(255, 198, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2067, 0.4142, 0.4008 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, 128) }
```

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

```
.background{ background-color: rgb(255,  
198, 128) }
```

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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