

Converting Colors

Yxy(64.2961, 0.3869, 0.3655)

Have a look what the booklet for
Yxy(64.2961, 0.3869, 0.3655)
contains.

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Color

Yxy(64.2925, 0.3870, 0.3657)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6A3
RGB	255, 198, 163
RGB Percent	100%, 78%, 64%
CMY	0.0001, 0.2235, 0.3608
CMYK	0.00, 0.22, 0.36, 0.00
HSL	23°, 100%, 82%
HSV	23°, 36%, 100%
XYZ	68.0372, 64.2925, 43.4770
YIQ	211.0530, 45.2070, 1.1990

Conversions

Conversions Part 2

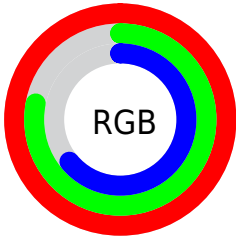
Format	Color
R_{YB}	255, 219, 163
Decimal	16762531
CIE _{Lab}	84.12, 15.73, 25.34
CIE _{LCh}	84, 29.827, 58.170
Yxy	64.2925, 0.3870, 0.3657
Android (android.graphics.Color)	4294952611 (0xFFFFC6A3)
YUV	211.0530, -23.6901, 38.5415
Hunter-Lab	80.1826, 11.1427, 23.9793

Details

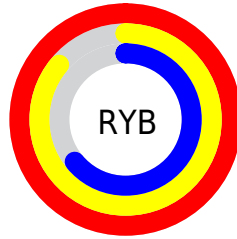
The Yxy color **64.2925, 0.3870, 0.3657** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.1705, 0.2563, 0.2887**, and the grayscale version is **65.3163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8420, 0.3345, 0.3651**, and **32.9645, 0.4060, 0.3731** is the 20% darker color. If you saturate the color by 10%, you get **56.6246, 0.4152, 0.3758**, and if you desaturate by 10%, it is **72.9033, 0.3622, 0.3551**.

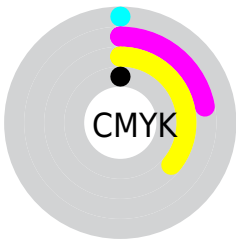
Distribution



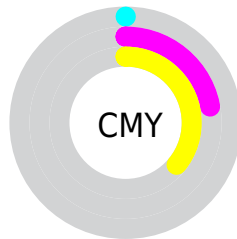
- Red (100%)
- Green (78%)
- Blue (64%)



- Red (100%)
- Yellow (86%)
- Blue (64%)



- Cyan (0%)
- Magenta (22%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2925, 0.3870, 0.3657 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 64.2925, 0.3870, 0.3657 by changing the saturation by 10% instead.


 64.2925, 0.3870,
0.3657


 64.2925, 0.3870,
0.3657


440.2451, 0.3516,
0.3495

 46.8876, 0.3952,
0.3692


 111.0321, 0.3746,
0.3603

 32.9468, 0.4055,
0.3733


 141.1356, 0.3698,
0.3581

 22.0857, 0.4185,
0.3782


176.2407, 0.3657,
0.3562

 13.9199, 0.4356,
0.3840

216.7319, 0.3621,
0.3545

 8.0650, 0.4588,
0.3909

262.9936, 0.3590,
0.3530

 4.1366, 0.4915,
0.3982

315.4101, 0.3563,

 1.7502, 0.5726,

0.3517

0.4274

374.3658, 0.3538,
0.3505

0.4559, 0.6419,
0.3581

0.0000, 0.0000,
0.0000

64.2925, 0.3870,
0.3657

64.2925, 0.3870,
0.3657

56.6246, 0.4152,
0.3758

72.9033, 0.3622,
0.3551

49.8565, 0.4464,
0.3846

82.4800, 0.3408,
0.3447

43.9547, 0.4797,
0.3909

93.0562, 0.3225,
0.3347

38.8798, 0.5131,
0.3933

99.9943, 0.3127,
0.3290

■ 34.5886, 0.5440,
0.3908

■ 31.0321, 0.5696,
0.3829

■ 29.8164, 0.5784,
0.3789

Harmonies

Analogous

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



64.2925, 0.3811, 0.3357



64.2925, 0.3870, 0.3657



64.2925, 0.3718, 0.3886

Triad

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



64.2925, 0.3870, 0.3657



64.2925, 0.2702, 0.3524



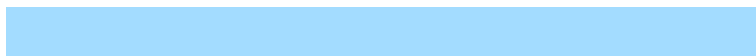
64.2925, 0.2819, 0.2694

Complementary

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



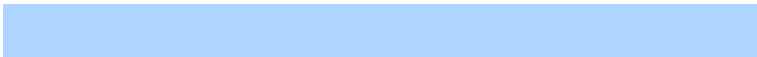
64.2925, 0.3870, 0.3657



66.1705, 0.2563, 0.2887

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.



64.2925, 0.2552, 0.2703



64.2925, 0.3870, 0.3657



64.2925, 0.2487, 0.3160

Square

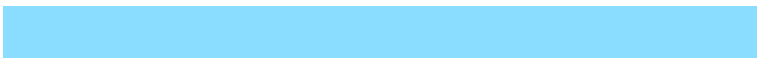
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.2925, 0.3870, 0.3657



64.2925, 0.3037, 0.3831



64.2925, 0.2435, 0.2863



64.2925, 0.3184, 0.2823

Rectangle

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



64.2925, 0.3870, 0.3657



64.2925, 0.3525, 0.3959



64.2925, 0.2435, 0.2863



64.2925, 0.2716, 0.2680

Sweetspot

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



64.2955, 0.3870, 0.3657



87.7364, 0.3312, 0.3396



52.6853, 0.3452, 0.2698



18.4740, 0.3337, 0.3409



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.



64.2955, 0.3870, 0.3657



58.8959, 0.4062, 0.3728



87.8257, 0.3711, 0.4084



19.1205, 0.3285, 0.3381



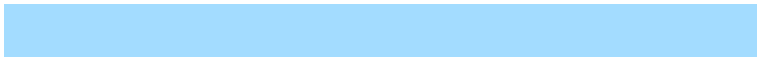
15.8490, 0.5754, 0.3813



1.7461, 0.5542, 0.3982

Inverse Universe

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



66.1705, 0.2563, 0.2887



60.9888, 0.2459, 0.2795



45.7704, 0.2487, 0.2345



19.2515, 0.2979, 0.3197



16.8333, 0.1886, 0.1989



1.8501, 0.1932, 0.2153

Previews

White Background



This preview shows how the Yxy color 64.2925, 0.3870, 0.3657 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 64.2925, 0.3870, 0.3657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

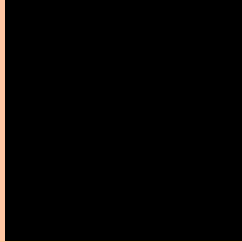
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.2925, 0.3870, 0.3657

Background



This preview shows how black text looks on a background with the Yxy color 64.2925, 0.3870, 0.3657.



This preview shows how white text looks on a background with the Yxy color 64.2925, 0.3870, 0.3657.

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

64.2925, 0.3870, 0.3657

Protanopia

64.6083, 0.3531, 0.3768

Deuteranopia

64.4425, 0.3789, 0.3720



Tritanopia

64.3486, 0.3523, 0.3157

Trichromacy



Original Color

64.2925, 0.3870, 0.3657

Protanomaly

64.5580, 0.3655, 0.3732

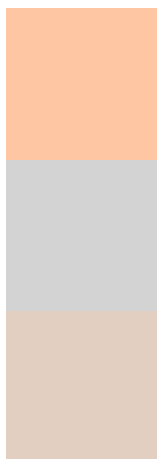
Deuteranomaly

64.5217, 0.3818, 0.3705

Tritanomaly

64.0518, 0.3651, 0.3333

Monochromacy



Original Color

64.2925, 0.3870, 0.3657

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.3685, 0.3377, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2925, 0.3870, 0.3657 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 163) }
```

Border

The CSS property to change the border of an element to Yxy 64.2925, 0.3870, 0.3657 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, 163) }
```

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

```
.border{ border-color:rgb(255, 198, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2925, 0.3870, 0.3657 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, 163) }
```

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

```
.background{ background-color: rgb(255,  
198, 163) }
```

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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