

Converting Colors

$Yxy(82.8374, 0.4673, 0.3630)$

Have a look what the booklet for
Yxy(82.8374, 0.4673, 0.3630)
contains.

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Color

Yxy(62.0135, 0.4000, 0.3761)

Conversions

Conversions Part 1

Format	Color
Hex	FFC295
RGB	255, 194, 149
RGB Percent	100%, 76%, 58%
CMY	0.0000, 0.2392, 0.4158
CMYK	0.00, 0.24, 0.42, 0.00
HSL	25°, 100%, 79%
HSV	25°, 42%, 100%
XYZ	65.9543, 62.0135, 36.9179
YIQ	207.1090, 50.8010, -1.0630

Conversions

Conversions Part 2

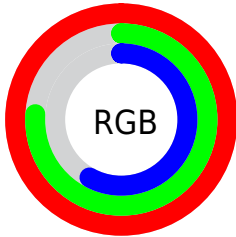
Format	Color
R _Y B	255, 227, 149
Decimal	16761493
CIE Lab	82.92, 16.28, 31.09
CIE LCh	83, 35.095, 62.363
Yxy	62.0135, 0.4000, 0.3761
Android (android.graphics.Color)	4294951573 (0xFFFFC295)
YUV	207.1090, -28.6477, 42.0004
Hunter-Lab	78.7487, 11.6888, 27.3285

Details

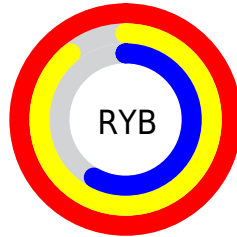
The Yxy color **62.0135, 0.4000, 0.3761** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.6838, 0.2470, 0.2757**, and the grayscale version is **62.6350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5662, 0.3443, 0.3763**, and **31.3738, 0.4213, 0.3848** is the 20% darker color. If you saturate the color by 10%, you get **55.0784, 0.4285, 0.3867**, and if you desaturate by 10%, it is **69.7773, 0.3743, 0.3646**.

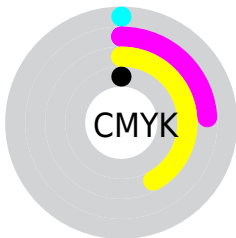
Distribution



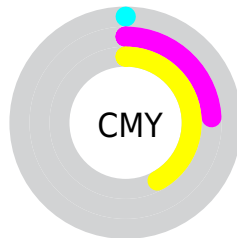
- Red (100%)
- Green (76%)
- Blue (58%)



- Red (100%)
- Yellow (89%)
- Blue (58%)



- Cyan (0%)
- Magenta (24%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0135, 0.4000, 0.3761 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 62.0135, 0.4000, 0.3761 by changing the saturation by 10% instead.

 62.0135, 0.4000,
0.3761


 62.0135, 0.4000,
0.3761

431.9803, 0.3584,
0.3553

 45.0436, 0.4097,
0.3805


 107.7450, 0.3854,
0.3692

 31.4918, 0.4216,
0.3856


 137.2755, 0.3798,
0.3664

 20.9736, 0.4368,
0.3916

171.7616, 0.3749,
0.3640

 13.1047, 0.4564,
0.3986

211.5877, 0.3707,
0.3618

 7.5007, 0.4825,
0.4062

257.1382, 0.3671,
0.3599

 3.7772, 0.5205,
0.4148

308.7976, 0.3638,

 1.5497, 0.5787,

0.3582

0.4213

366.9501, 0.3609,
0.3567

0.3233, 0.6855,
0.3145

0.0000, 0.0000,
0.0000

62.0135, 0.4000,
0.3761

62.0135, 0.4000,
0.3761

55.0784, 0.4285,
0.3867

69.7773, 0.3743,
0.3646

48.9329, 0.4592,
0.3954

78.3895, 0.3517,
0.3528

43.5473, 0.4907,
0.4007

87.8801, 0.3321,
0.3414

38.8859, 0.5209,
0.4014

98.2746, 0.3152,
0.3306

■ 34.9089, 0.5473,
0.3966

99.9994, 0.3127,
0.3290

■ 32.0497, 0.5659,
0.3889

Harmonies

Analogous

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



62.0135, 0.3969, 0.3413



62.0135, 0.4000, 0.3761



62.0135, 0.3783, 0.4021

Triad

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



62.0135, 0.4000, 0.3761



62.0135, 0.2577, 0.3507



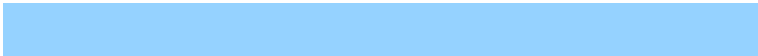
62.0135, 0.2815, 0.2602

Complementary

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



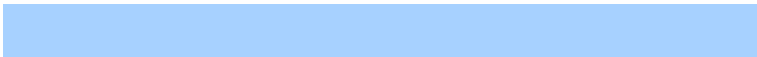
62.0135, 0.4000, 0.3761



59.6838, 0.2470, 0.2757

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.



62.0135, 0.2482, 0.2585



62.0135, 0.4000, 0.3761



62.0135, 0.2352, 0.3072

Square

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



62.0135, 0.4000, 0.3761



62.0135, 0.2955, 0.3901



62.0135, 0.2320, 0.2743



62.0135, 0.3256, 0.2774

Rectangle

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



62.0135, 0.4000, 0.3761



62.0135, 0.3538, 0.4095



62.0135, 0.2320, 0.2743



62.0135, 0.2688, 0.2578

Sweetspot

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



62.0165, 0.4000, 0.3761



87.4622, 0.3329, 0.3419



47.4419, 0.3570, 0.2658



18.4453, 0.3353, 0.3434



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.



62.0165, 0.4000, 0.3761



56.1202, 0.4239, 0.3852



89.4386, 0.3783, 0.4247



19.2554, 0.3284, 0.3391



17.0283, 0.5630, 0.3912



1.8691, 0.5428, 0.4072

Inverse Universe

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



59.6838, 0.2470, 0.2757



53.4715, 0.2344, 0.2626



37.9976, 0.2364, 0.2107



19.1131, 0.2979, 0.3187



14.9282, 0.1842, 0.1833



1.6702, 0.1893, 0.2014

Previews

White Background



This preview shows how the Yxy color 62.0135, 0.4000, 0.3761 looks on a white background.

Color Contrast Check

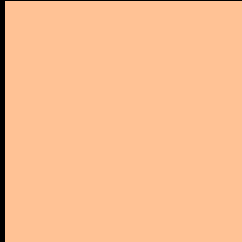
Large Text (above 18pt) WCAG AA × Fail

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 62.0135, 0.4000, 0.3761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

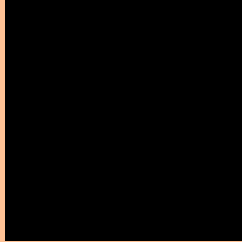
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0135, 0.4000, 0.3761

Background



This preview shows how black text looks on a background with the Yxy color 62.0135, 0.4000, 0.3761.



This preview shows how white text looks on a background with the Yxy color 62.0135, 0.4000, 0.3761.

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

62.0135, 0.4000, 0.3761

Protanopia

62.4883, 0.3635, 0.3898

Deuteranopia

62.1191, 0.3915, 0.3827



Tritanopia

61.9195, 0.3574, 0.3157

Trichromacy



Original Color

62.0135, 0.4000, 0.3761

Protanomaly

62.0005, 0.3767, 0.3846

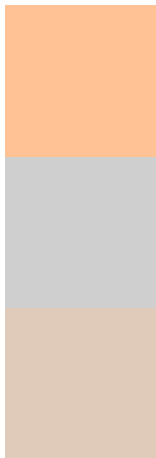
Deuteranomaly

62.2104, 0.3944, 0.3811

Tritanomaly

61.9405, 0.3728, 0.3375

Monochromacy



Original Color

62.0135, 0.4000, 0.3761

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.6335, 0.3421, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0135, 0.4000, 0.3761 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, 194, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 149)  
}
```

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, 194, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 149) }
```

Border

The CSS property to change the border of an element to Yxy 62.0135, 0.4000, 0.3761 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, 194, 149) }
```

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

```
.border{ border-color:rgb(255, 194, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0135, 0.4000, 0.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 149) }
```

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

```
.background{ background-color: rgb(255,  
194, 149) }
```

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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