

Converting Colors

$Yxy(61.8420, 0.3886, 0.3595)$

Have a look what the booklet for
Yxy(61.8420, 0.3886, 0.3595)
contains.

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Color

Yxy(62.0803, 0.3881, 0.3595)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FFC1A4 |
| RGB | 255, 193, 164 |
| RGB Percent | 100%, 76%, 64% |
| CMY | 0.0000, 0.2432, 0.3567 |
| CMYK | 0.00, 0.24, 0.36, 0.00 |
| HSL | 19°, 100%, 82% |
| HSV | 19°, 36%, 100% |
| XYZ | 67.0191, 62.0803, 43.5857 |
| YIQ | 208.2320, 46.2610, 4.1250 |

Conversions

Conversions Part 2

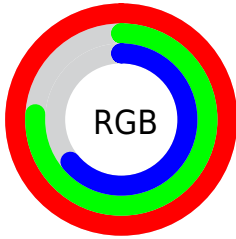
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 207, 164 |
| Decimal | 16761252 |
| CIE Lab | 82.96, 18.50, 23.22 |
| CIE LCh | 83, 29.683, 51.456 |
| Yxy | 62.0803, 0.3881, 0.3595 |
| Android (android.graphics.Color) | 4294951332 (0xFFFFC1A4) |
| YUV | 208.2320, -21.8064, 41.0155 |
| Hunter-Lab | 78.7911, 13.9465, 22.3556 |

Details

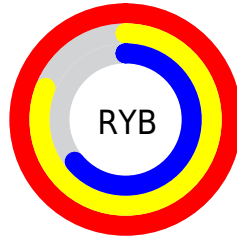
The Yxy color **62.0803, 0.3881, 0.3595** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **69.5276, 0.2578, 0.2959**, and the grayscale version is **63.3556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7457, 0.3346, 0.3594**, and **31.5054, 0.4079, 0.3653** is the 20% darker color. If you saturate the color by 10%, you get **54.0097, 0.4178, 0.3680**, and if you desaturate by 10%, it is **71.2359, 0.3624, 0.3506**.

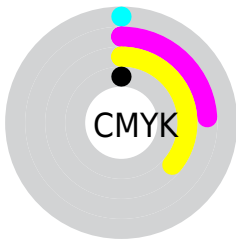
Distribution



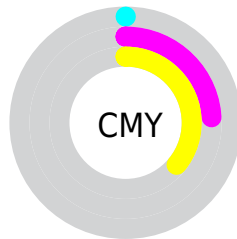
- Red (100%)
- Green (76%)
- Blue (64%)



- Red (100%)
- Yellow (81%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0803, 0.3881, 0.3595 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 62.0803, 0.3881, 0.3595 by changing the saturation by 10% instead.


 62.0803, 0.3881,
0.3595

 62.0803, 0.3881,
0.3595


432.2239, 0.3519,
0.3461

 45.0976, 0.3966,
0.3623

 107.8416, 0.3753,
0.3551

 31.5343, 0.4073,
0.3656


 137.3889, 0.3704,
0.3533

 21.0060, 0.4209,
0.3695


171.8933, 0.3662,
0.3517

 13.1284, 0.4389,
0.3740

211.7390, 0.3626,
0.3503

 7.5170, 0.4636,
0.3791

257.3106, 0.3594,
0.3491

 3.7875, 0.4991,
0.3838

308.9923, 0.3566,

 1.5554, 0.5900,

0.3480

0.4100

367.1686, 0.3541,
0.3470

0.3273, 0.6997,
0.3003

0.0000, 0.0000,
0.0000

62.0803, 0.3881,
0.3595

62.0803, 0.3881,
0.3595

54.0097, 0.4178,
0.3680

71.2359, 0.3624,
0.3506

46.9861, 0.4512,
0.3753

81.5206, 0.3404,
0.3418

40.9629, 0.4872,
0.3803

92.9706, 0.3219,
0.3335

35.8912, 0.5238,
0.3817

100.0000, 0.3127,
0.3290

■ 31.7173, 0.5575,
0.3784

■ 28.3807, 0.5850,
0.3702

■ 27.1733, 0.5950,
0.3658

Harmonies

Analogous

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



62.0803, 0.3773, 0.3288



62.0803, 0.3881, 0.3595



62.0803, 0.3773, 0.3849

Triad

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



62.0803, 0.3881, 0.3595



62.0803, 0.2767, 0.3605



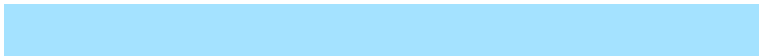
62.0803, 0.2746, 0.2679

Complementary

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



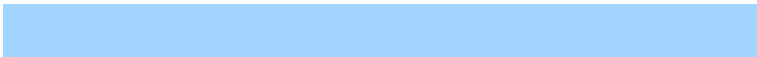
62.0803, 0.3881, 0.3595



69.5276, 0.2578, 0.2959

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.



62.0803, 0.2507, 0.2722



62.0803, 0.3881, 0.3595



62.0803, 0.2518, 0.3239

Square

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



62.0803, 0.3881, 0.3595



62.0803, 0.3120, 0.3883



62.0803, 0.2427, 0.2917



62.0803, 0.3098, 0.2780

Rectangle

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



62.0803, 0.3881, 0.3595



62.0803, 0.3599, 0.3948



62.0803, 0.2427, 0.2917



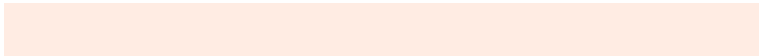
62.0803, 0.2651, 0.2676

Sweetspot

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



62.0789, 0.3881, 0.3595



86.7257, 0.3314, 0.3379



53.3232, 0.3407, 0.2661



18.2341, 0.3339, 0.3390



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.



62.0789, 0.3881, 0.3595



56.0637, 0.4095, 0.3658



85.2782, 0.3720, 0.4035



18.9309, 0.3286, 0.3366



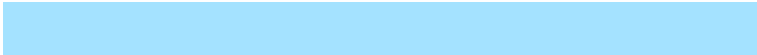
14.4349, 0.5920, 0.3681



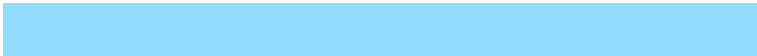
1.5925, 0.5700, 0.3856

Inverse Universe

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



69.5276, 0.2578, 0.2959



64.5040, 0.2473, 0.2879



48.0447, 0.2502, 0.2413



19.4487, 0.2980, 0.3213



19.8329, 0.1948, 0.2213



2.1281, 0.1986, 0.2350

Previews

White Background



This preview shows how the Yxy color 62.0803, 0.3881, 0.3595 looks on a white background.

Color Contrast Check

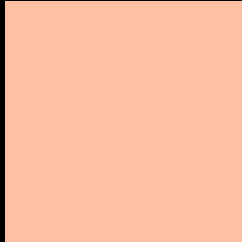
Large Text (above 18pt) WCAG AA × Fail

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 62.0803, 0.3881, 0.3595 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 62.0803, 0.3881, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 62.0803, 0.3881, 0.3595.



This preview shows how white text looks on a background with the Yxy color 62.0803, 0.3881, 0.3595.

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

62.0803, 0.3881, 0.3595

Protanopia

62.1050, 0.3493, 0.3706

Deuteranopia

62.3684, 0.3759, 0.3683



Tritanopia

61.9195, 0.3574, 0.3157

Trichromacy



Original Color

62.0803, 0.3881, 0.3595

Protanomaly

61.7562, 0.3629, 0.3660

Deuteranomaly

62.3510, 0.3807, 0.3656

Tritanomaly

61.7178, 0.3689, 0.3313

Monochromacy



Original Color

62.0803, 0.3881, 0.3595

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.5252, 0.3381, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0803, 0.3881, 0.3595 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, 193, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 164)  
}
```

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, 193, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 164) }
```

Border

The CSS property to change the border of an element to Yxy 62.0803, 0.3881, 0.3595 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, 193, 164) }
```

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

```
.border{ border-color:rgb(255, 193, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0803, 0.3881, 0.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 164) }
```

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

```
.background{ background-color: rgb(255,  
193, 164) }
```

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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