

Converting Colors

$Yxy(68.6009, 0.4383, 0.3923)$

Have a look what the booklet for
Yxy(68.6009, 0.4383, 0.3923)
contains.

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Color

Yxy(62.7510, 0.4148, 0.3998)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FFC580 |
| RGB | 255, 197, 128 |
| RGB Percent | 100%, 77%, 50% |
| CMY | 0.0000, 0.2274, 0.4981 |
| CMYK | 0.00, 0.23, 0.50, 0.00 |
| HSL | 33°, 100%, 75% |
| HSV | 33°, 50%, 100% |
| XYZ | 65.1053, 62.7510, 29.0996 |
| YIQ | 206.4760, 56.7170, -9.1630 |

Conversions

Conversions Part 2

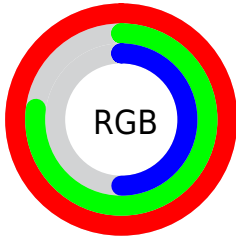
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 235, 255, 128 |
| Decimal | 16762240 |
| CIE _{Lab} | 83.31, 12.69, 42.40 |
| CIE _{LCh} | 83, 44.257, 73.340 |
| Yxy | 62.7510, 0.4148, 0.3998 |
| Android (android.graphics.Color) | 4294952320 (0xFFFFC580) |
| YUV | 206.4760, -38.6887, 42.5555 |
| Hunter-Lab | 79.2155, 8.0777, 33.6708 |

Details

The Yxy color **62.7510, 0.4148, 0.3998** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.9226, 0.2309, 0.2434**, and the grayscale version is **62.2677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5210, 0.3564, 0.3999**, and **31.9165, 0.4393, 0.4132** is the 20% darker color. If you saturate the color by 10%, you get **57.0768, 0.4406, 0.4116**, and if you desaturate by 10%, it is **69.0040, 0.3902, 0.3861**.

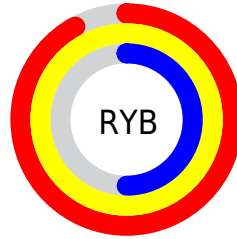
Distribution



Red (100%)

Green (77%)

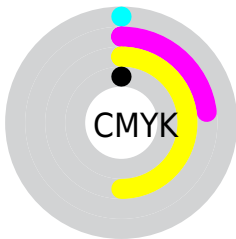
Blue (50%)



Red (92%)

Yellow (100%)

Blue (50%)

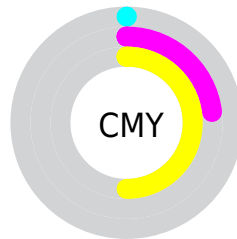


Cyan (0%)

Magenta (23%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7510, 0.4148, 0.3998 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 62.7510, 0.4148, 0.3998 by changing the saturation by 10% instead.


 62.7510, 0.4148,
0.3998

 62.7510, 0.4148,
0.3998


434.6652, 0.3670,
0.3686

 45.6398, 0.4255,
0.4062


 108.8102, 0.3983,
0.3895

 31.9617, 0.4385,
0.4136


 138.5270, 0.3918,
0.3853

 21.3322, 0.4545,
0.4221


 173.2144, 0.3863,
0.3817

 13.3671, 0.4743,
0.4315

213.2569, 0.3814,
0.3784

 7.6818, 0.4987,
0.4409

259.0389, 0.3771,
0.3756

 3.8920, 0.5414,
0.4586

310.9446, 0.3734,

 1.6133, 0.5588,

0.3730

0.4412

369.3586, 0.3700,
0.3707

0.3666, 0.6423,
0.3577

0.0000, 0.0000,
0.0000

62.7510, 0.4148,
0.3998

62.7510, 0.4148,
0.3998

57.0768, 0.4406,
0.4116

69.0040, 0.3902,
0.3861

51.9570, 0.4664,
0.4203

75.8538, 0.3675,
0.3714

47.3681, 0.4909,
0.4245

83.3205, 0.3469,
0.3567

43.2827, 0.5125,
0.4233

91.4220, 0.3286,
0.3423

■ 39.6624, 0.5303,
0.4170

100.0000, 0.3127,
0.3290

■ 39.5964, 0.5307,
0.4168

Harmonies

Analogous

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



62.7510, 0.4238, 0.3587



62.7510, 0.4148, 0.3998



62.7510, 0.3777, 0.4272

Triad

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



62.7510, 0.4148, 0.3998



62.7510, 0.2315, 0.3348



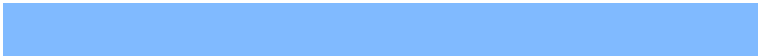
62.7510, 0.2924, 0.2504

Complementary

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



62.7510, 0.4148, 0.3998



46.9226, 0.2309, 0.2434

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.



62.7510, 0.2456, 0.2407



62.7510, 0.4148, 0.3998



62.7510, 0.2130, 0.2834

Square

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



62.7510, 0.4148, 0.3998



62.7510, 0.2716, 0.3907



62.7510, 0.2180, 0.2511



62.7510, 0.3494, 0.2769

Rectangle

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



62.7510, 0.4148, 0.3998



62.7510, 0.3434, 0.4306



62.7510, 0.2180, 0.2511



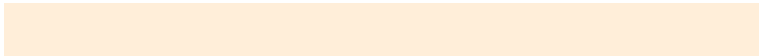
62.7510, 0.2750, 0.2451

Sweetspot

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



62.7518, 0.4148, 0.3998



87.1343, 0.3378, 0.3497



40.2956, 0.3860, 0.2684



18.2884, 0.3417, 0.3527



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.



62.7518, 0.4148, 0.3998



56.9727, 0.4411, 0.4118



93.5442, 0.3830, 0.4515



19.6226, 0.3281, 0.3419



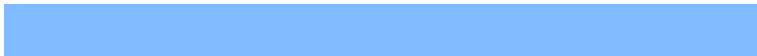
20.9924, 0.5283, 0.4187



2.2625, 0.5125, 0.4313

Inverse Universe

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



46.9226, 0.2309, 0.2434



39.4994, 0.2150, 0.2219



27.5803, 0.2194, 0.1713



18.7443, 0.2979, 0.3157



10.6433, 0.1731, 0.1432



1.2515, 0.1791, 0.1648

Previews

White Background



This preview shows how the Yxy color 62.7510, 0.4148, 0.3998 looks on a white background.

Color Contrast Check

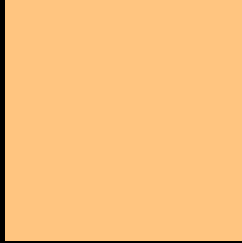
Large Text (above 18pt) WCAG AA × Fail

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 62.7510, 0.4148, 0.3998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

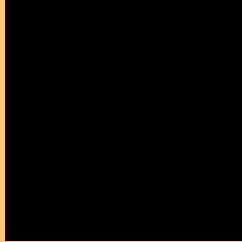
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7510, 0.4148, 0.3998

Background



This preview shows how black text looks on a background with the Yxy color 62.7510, 0.4148, 0.3998.



This preview shows how white text looks on a background with the Yxy color 62.7510, 0.4148, 0.3998.

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

62.7510, 0.4148, 0.3998

Protanopia

62.9464, 0.3823, 0.4143

Deuteranopia

62.6421, 0.4118, 0.4015



Tritanopia

62.8334, 0.3561, 0.3167

Trichromacy



Original Color

62.7510, 0.4148, 0.3998

Protanomaly

62.8289, 0.3940, 0.4084

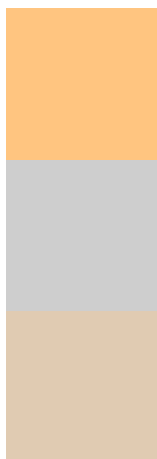
Deuteranomaly

62.8293, 0.4126, 0.4013

Tritanomaly

62.5345, 0.3781, 0.3470

Monochromacy



Original Color

62.7510, 0.4148, 0.3998

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7735, 0.3480, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7510, 0.4148, 0.3998 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, 197, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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, 197, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 128) }
```

Border

The CSS property to change the border of an element to Yxy 62.7510, 0.4148, 0.3998 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, 197, 128) }
```

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

```
.border{ border-color:rgb(255, 197, 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, 197, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7510, 0.4148, 0.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 128) }
```

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

```
.background{ background-color: rgb(255,  
197, 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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