

Converting Colors

$Yxy(62.8124, 0.3996, 0.3784)$

Have a look what the booklet for
Yxy(62.8124, 0.3996, 0.3784)
contains.

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Color

Yxy(62.8780, 0.3999, 0.3791)

Conversions

Conversions Part 1

Format	Color
Hex	FFC494
RGB	255, 196, 148
RGB Percent	100%, 77%, 58%
CMY	0.0000, 0.2314, 0.4196
CMYK	0.00, 0.23, 0.42, 0.00
HSL	27°, 100%, 79%
HSV	27°, 42%, 100%
XYZ	66.3279, 62.8780, 36.6553
YIQ	208.1690, 50.5720, -2.4200

Conversions

Conversions Part 2

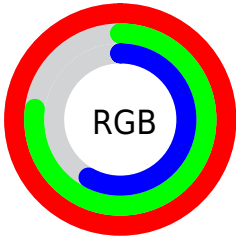
Format	Color
R_{YB}	255, 235, 148
Decimal	16762004
CIE _{Lab}	83.38, 15.14, 32.21
CIE _{LCh}	83, 35.592, 64.823
Yxy	62.8780, 0.3999, 0.3791
Android (android.graphics.Color)	4294952084 (0xFFFFC494)
YUV	208.1690, -29.6633, 41.0708
Hunter-Lab	79.2956, 10.5413, 28.0995

Details

The Yxy color **62.8780, 0.3999, 0.3791** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.1381, 0.2459, 0.2720**, and the grayscale version is **63.3631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7748, 0.3446, 0.3792**, and **31.9448, 0.4209, 0.3887** is the 20% darker color. If you saturate the color by 10%, you get **56.1099, 0.4278, 0.3903**, and if you desaturate by 10%, it is **70.4202, 0.3746, 0.3670**.

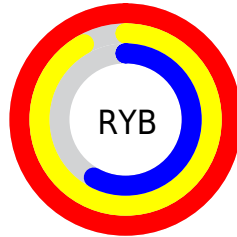
Distribution



Red (100%)

Green (77%)

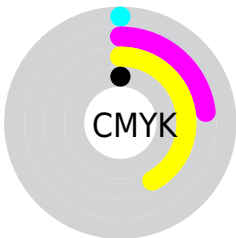
Blue (58%)



Red (100%)

Yellow (92%)

Blue (58%)

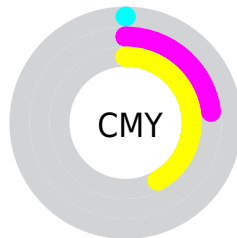


Cyan (0%)

Magenta (23%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8780, 0.3999, 0.3791 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 62.8780, 0.3999, 0.3791 by changing the saturation by 10% instead.

 62.8780, 0.3999,
0.3791

 62.8780, 0.3999,
0.3791


435.1266, 0.3585,
0.3569

 45.7425, 0.4095,
0.3838


 108.9935, 0.3854,
0.3717

 32.0427, 0.4213,
0.3892


 138.7423, 0.3798,
0.3687

 21.3941, 0.4362,
0.3957


173.4643, 0.3750,
0.3661

 13.4124, 0.4554,
0.4032

213.5439, 0.3708,
0.3639

 7.7131, 0.4808,
0.4116

259.3656, 0.3671,
0.3618

 3.9119, 0.5176,
0.4214

311.3137, 0.3639,

 1.6244, 0.5715,

0.3600

0.4285

369.7725, 0.3610,
0.3584

0.3740, 0.6597,
0.3403

0.0000, 0.0000,
0.0000

62.8780, 0.3999,
0.3791

62.8780, 0.3999,
0.3791

56.1099, 0.4278,
0.3903

70.4202, 0.3746,
0.3670

50.0851, 0.4575,
0.3994

78.7601, 0.3522,
0.3546

44.7743, 0.4878,
0.4051

87.9235, 0.3327,
0.3426

40.1444, 0.5166,
0.4061

97.9341, 0.3158,
0.3312

■ 36.1584, 0.5419,
0.4016

100.0000, 0.3127,
0.3290

■ 33.3859, 0.5589,
0.3944

Harmonies

Analogous

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



62.8780, 0.3989, 0.3443



62.8780, 0.3999, 0.3791



62.8780, 0.3762, 0.4043

Triad

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



62.8780, 0.3999, 0.3791



62.8780, 0.2546, 0.3472



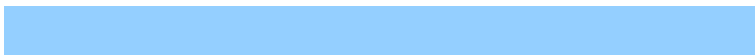
62.8780, 0.2846, 0.2605

Complementary

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



62.8780, 0.3999, 0.3791



58.1381, 0.2459, 0.2720

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.



62.8780, 0.2498, 0.2574



62.8780, 0.3999, 0.3791



62.8780, 0.2335, 0.3037

Square

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



62.8780, 0.3999, 0.3791



62.8780, 0.2918, 0.3881



62.8780, 0.2319, 0.2718



62.8780, 0.3295, 0.2789

Rectangle

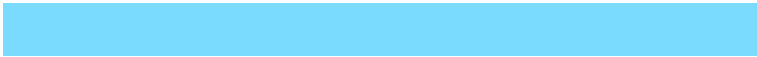
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.8780, 0.3999, 0.3791



62.8780, 0.3507, 0.4105



62.8780, 0.2319, 0.2718



62.8780, 0.2714, 0.2576

Sweetspot

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



62.8789, 0.3999, 0.3791



86.9337, 0.3346, 0.3438



47.0238, 0.3593, 0.2670



18.1632, 0.3387, 0.3464



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.



62.8789, 0.3999, 0.3791



57.3786, 0.4221, 0.3882



90.4507, 0.3782, 0.4270



19.3289, 0.3283, 0.3397



17.7329, 0.5561, 0.3967



1.9409, 0.5367, 0.4121

Inverse Universe

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



58.1381, 0.2459, 0.2720



52.0665, 0.2336, 0.2587



37.0014, 0.2353, 0.2072



19.0383, 0.2979, 0.3181



13.9671, 0.1819, 0.1749



1.5782, 0.1872, 0.1939

Previews

White Background



This preview shows how the Yxy color 62.8780, 0.3999, 0.3791 looks on a white background.

Color Contrast Check

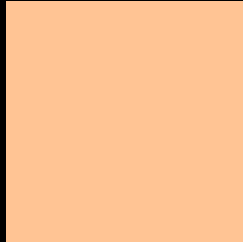
Large Text (above 18pt) WCAG AA × Fail

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 62.8780, 0.3999, 0.3791 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 62.8780, 0.3999, 0.3791

Background



This preview shows how black text looks on a background with the Yxy color 62.8780, 0.3999, 0.3791.



This preview shows how white text looks on a background with the Yxy color 62.8780, 0.3999, 0.3791.

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

62.8780, 0.3999, 0.3791

Protanopia

63.0996, 0.3647, 0.3918

Deuteranopia

62.7276, 0.3927, 0.3846



Tritanopia

62.8812, 0.3553, 0.3157

Trichromacy



Original Color

62.8780, 0.3999, 0.3791

Protanomaly

63.0823, 0.3775, 0.3876

Deuteranomaly

62.8187, 0.3956, 0.3830

Tritanomaly

62.8606, 0.3714, 0.3386

Monochromacy



Original Color

62.8780, 0.3999, 0.3791

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.7385, 0.3425, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8780, 0.3999, 0.3791 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, 196, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 148)  
}
```

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, 196, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 148) }
```

Border

The CSS property to change the border of an element to Yxy 62.8780, 0.3999, 0.3791 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, 196, 148) }
```

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

```
.border{ border-color:rgb(255, 196, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8780, 0.3999, 0.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 148) }
```

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

```
.background{ background-color: rgb(255,  
196, 148) }
```

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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