

Converting Colors

$Yxy(62.1890, 0.4084, 0.3886)$

Have a look what the booklet for
Yxy(62.1890, 0.4084, 0.3886)
contains.

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Color

Yxy(62.1252, 0.4082, 0.3881)

Conversions

Conversions Part 1

Format	Color
Hex	FFC38A
RGB	255, 195, 138
RGB Percent	100%, 76%, 54%
CMY	0.0000, 0.2353, 0.4587
CMYK	0.00, 0.24, 0.46, 0.00
HSL	29°, 100%, 77%
HSV	29°, 46%, 100%
XYZ	65.3427, 62.1252, 32.6073
YIQ	206.4420, 54.0570, -5.0070

Conversions

Conversions Part 2

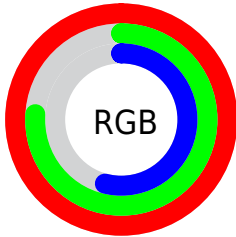
Format	Color
R _Y B	255, 249, 138
Decimal	16761738
CIE Lab	82.98, 14.65, 36.85
CIE LCh	83, 39.653, 68.316
Yxy	62.1252, 0.4082, 0.3881
Android (android.graphics.Color)	4294951818 (0xFFFFC38A)
YUV	206.4420, -33.7419, 42.5854
Hunter-Lab	78.8195, 10.0453, 30.6456

Details

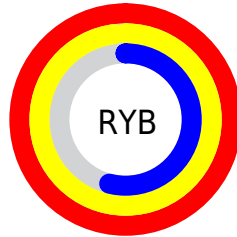
The Yxy color **62.1252, 0.4082, 0.3881** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.0265, 0.2389, 0.2599**, and the grayscale version is **62.2177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6866, 0.3508, 0.3882**, and **31.4736, 0.4317, 0.3995** is the 20% darker color. If you saturate the color by 10%, you get **55.8671, 0.4356, 0.3995**, and if you desaturate by 10%, it is **69.0760, 0.3829, 0.3753**.

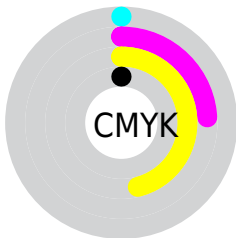
Distribution



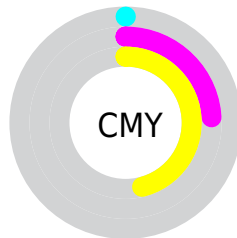
- Red (100%)
- Green (76%)
- Blue (54%)



- Red (100%)
- Yellow (98%)
- Blue (54%)



- Cyan (0%)
- Magenta (24%)
- Yellow (46%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1252, 0.4082, 0.3881 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 62.1252, 0.4082, 0.3881 by changing the saturation by 10% instead.


 62.1252, 0.4082,
0.3881

 62.1252, 0.4082,
0.3881


432.3876, 0.3630,
0.3620


 45.1339, 0.4185,
0.3935

 107.9065, 0.3924,
0.3794

 31.5629, 0.4312,
0.3998


 137.4652, 0.3863,
0.3760

 21.0278, 0.4471,
0.4072


 171.9818, 0.3811,
0.3729

 13.1444, 0.4672,
0.4155

211.8408, 0.3765,
0.3702

 7.5280, 0.4931,
0.4242

257.4264, 0.3725,
0.3678

 3.7945, 0.5375,
0.4400

309.1232, 0.3690,

 1.5593, 0.5700,

0.3657

0.4300

367.3155, 0.3658,
0.3637

0.3299, 0.6705,
0.3295

0.0000, 0.0000,
0.0000

62.1252, 0.4082,
0.3881

62.1252, 0.4082,
0.3881

55.8671, 0.4356,
0.3995

69.0760, 0.3829,
0.3753

50.2674, 0.4640,
0.4083

76.7343, 0.3600,
0.3619

45.3015, 0.4920,
0.4132

85.1255, 0.3398,
0.3487

40.9389, 0.5178,
0.4129

94.2708, 0.3220,
0.3361

■ 37.1443, 0.5395,
0.4071

99.9985, 0.3127,
0.3290

■ 35.7252, 0.5475,
0.4035

Harmonies

Analogous

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



62.1252, 0.4109, 0.3501



62.1252, 0.4082, 0.3881



62.1252, 0.3787, 0.4150

Triad

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



62.1252, 0.4082, 0.3881



62.1252, 0.2442, 0.3432



62.1252, 0.2866, 0.2548

Complementary

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



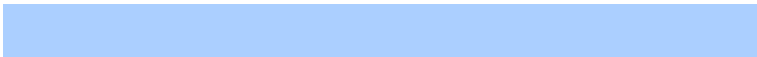
62.1252, 0.4082, 0.3881



53.0265, 0.2389, 0.2599

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.



62.1252, 0.2464, 0.2491



62.1252, 0.4082, 0.3881



62.1252, 0.2235, 0.2952

Square

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



62.1252, 0.4082, 0.3881



62.1252, 0.2835, 0.3911



62.1252, 0.2244, 0.2622



62.1252, 0.3373, 0.2768

Rectangle

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



62.1252, 0.4082, 0.3881



62.1252, 0.3491, 0.4205



62.1252, 0.2244, 0.2622



62.1252, 0.2715, 0.2510

Sweetspot

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



62.1282, 0.4082, 0.3881



86.7789, 0.3363, 0.3463



43.5462, 0.3715, 0.2671



18.1667, 0.3403, 0.3491



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.



62.1282, 0.4082, 0.3881



56.3858, 0.4331, 0.3986



93.3722, 0.3816, 0.4401



19.4477, 0.3282, 0.3406



18.9650, 0.5448, 0.4056



2.0643, 0.5268, 0.4199

Inverse Universe

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



53.0265, 0.2389, 0.2599



46.2551, 0.2248, 0.2430



31.3798, 0.2257, 0.1868



18.9185, 0.2979, 0.3171



12.5255, 0.1783, 0.1617



1.4383, 0.1839, 0.1819

Previews

White Background



This preview shows how the Yxy color 62.1252, 0.4082, 0.3881 looks on a white background.

Color Contrast Check

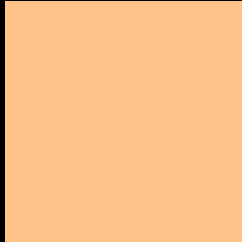
Large Text (above 18pt) WCAG AA × Fail

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 62.1252, 0.4082, 0.3881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

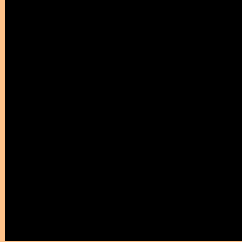
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1252, 0.4082, 0.3881

Background



This preview shows how black text looks on a background with the Yxy color 62.1252, 0.4082, 0.3881.



This preview shows how white text looks on a background with the Yxy color 62.1252, 0.4082, 0.3881.

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

62.1252, 0.4082, 0.3881

Protanopia

62.4561, 0.3732, 0.4018

Deuteranopia

62.1508, 0.4017, 0.3936



Tritanopia

61.9195, 0.3574, 0.3157

Trichromacy



Original Color

62.1252, 0.4082, 0.3881

Protanomaly

62.2971, 0.3855, 0.3974

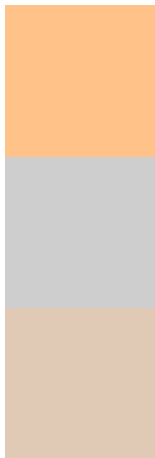
Deuteranomaly

62.2479, 0.4047, 0.3920

Tritanomaly

61.7763, 0.3762, 0.3417

Monochromacy



Original Color

62.1252, 0.4082, 0.3881

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.4245, 0.3459, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1252, 0.4082, 0.3881 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, 195, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 138)  
}
```

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, 195, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 138) }
```

Border

The CSS property to change the border of an element to Yxy 62.1252, 0.4082, 0.3881 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, 195, 138) }
```

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

```
.border{ border-color:rgb(255, 195, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 195, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 195, 138); box-shadow:4px 4px 4px 4px rgb(255, 195, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1252, 0.4082, 0.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 138) }
```

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

```
.background{ background-color: rgb(255,  
195, 138) }
```

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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