

Converting Colors

$Yxy(63.7901, 0.4155, 0.3829)$

Have a look what the booklet for
Yxy(63.7901, 0.4155, 0.3829)
contains.

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Color

Yxy(61.7370, 0.4072, 0.3852)

Conversions

Conversions Part 1

Format	Color
Hex	FFC28C
RGB	255, 194, 140
RGB Percent	100%, 76%, 55%
CMY	0.0000, 0.2392, 0.4511
CMYK	0.00, 0.24, 0.45, 0.00
HSL	28°, 100%, 77%
HSV	28°, 45%, 100%
XYZ	65.2630, 61.7370, 33.2726
YIQ	206.0830, 53.6900, -3.8620

Conversions

Conversions Part 2

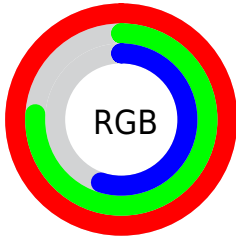
Format	Color
R _Y B	255, 242, 140
Decimal	16761484
CIE Lab	82.77, 15.36, 35.59
CIE LCh	83, 38.761, 66.651
Yxy	61.7370, 0.4072, 0.3852
Android (android.graphics.Color)	4294951564 (0xFFFFC28C)
YUV	206.0830, -32.5789, 42.9002
Hunter-Lab	78.5729, 10.7603, 29.8940

Details

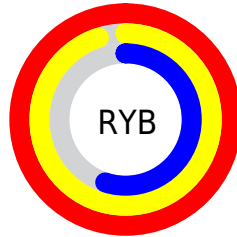
The Yxy color $61.7370, 0.4072, 0.3852$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $54.5436, 0.2405, 0.2638$, and the grayscale version is $61.9641, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.1494, 0.3498, 0.3853$, and $31.2132, 0.4305, 0.3959$ is the 20% darker color. If you saturate the color by 10%, you get $55.3260, 0.4350, 0.3964$, and if you desaturate by 10%, it is $68.8757, 0.3816, 0.3727$.

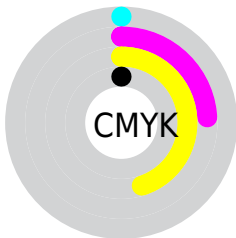
Distribution



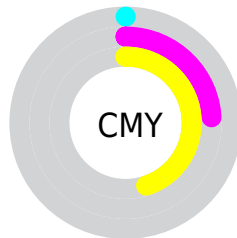
- Red (100%)
- Green (76%)
- Blue (55%)



- Red (100%)
- Yellow (95%)
- Blue (55%)



- Cyan (0%)
- Magenta (24%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7370, 0.4072, 0.3852 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 61.7370, 0.4072, 0.3852 by changing the saturation by 10% instead.


 61.7370, 0.4072,
0.3852

 61.7370, 0.4072,
0.3852


430.9711, 0.3623,
0.3604


 44.8202, 0.4175,
0.3903


 107.3453, 0.3915,
0.3770

 31.3158, 0.4302,
0.3964


 136.8057, 0.3855,
0.3737

 20.8395, 0.4461,
0.4033


 171.2160, 0.3802,
0.3707

 13.0067, 0.4664,
0.4113

210.9607, 0.3757,
0.3682

 7.4332, 0.4928,
0.4196

256.4242, 0.3717,
0.3659

 3.7344, 0.5365,
0.4336

307.9908, 0.3682,

 1.5262, 0.5743,

0.3639

0.4257

366.0450, 0.3651,
0.3621

0.3070, 0.6847,
0.3153

0.0000, 0.0000,
0.0000

61.7370, 0.4072,
0.3852

61.7370, 0.4072,
0.3852

55.3260, 0.4350,
0.3964

68.8757, 0.3816,
0.3727

49.6070, 0.4642,
0.4050

76.7583, 0.3587,
0.3598

44.5542, 0.4932,
0.4098

85.4113, 0.3384,
0.3471

40.1356, 0.5201,
0.4096

94.8571, 0.3208,
0.3349

■ 36.3147, 0.5429,
0.4038

99.9999, 0.3127,
0.3290

■ 34.6457, 0.5526,
0.3994

Harmonies

Analogous

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



61.7370, 0.4082, 0.3476



61.7370, 0.4072, 0.3852



61.7370, 0.3796, 0.4123

Triad

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



61.7370, 0.4072, 0.3852



61.7370, 0.2473, 0.3457



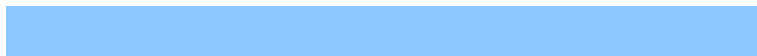
61.7370, 0.2846, 0.2554

Complementary

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



61.7370, 0.4072, 0.3852



54.5436, 0.2405, 0.2638

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.



61.7370, 0.2460, 0.2508



61.7370, 0.4072, 0.3852



61.7370, 0.2258, 0.2983

Square

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



61.7370, 0.4072, 0.3852



61.7370, 0.2867, 0.3919



61.7370, 0.2255, 0.2649



61.7370, 0.3340, 0.2762

Rectangle

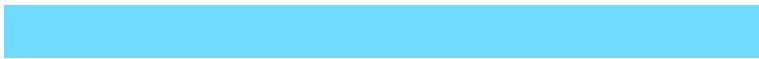
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.7370, 0.4072, 0.3852



61.7370, 0.3511, 0.4186



61.7370, 0.2255, 0.2649



61.7370, 0.2700, 0.2519

Sweetspot

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



61.7400, 0.4072, 0.3852



86.4230, 0.3364, 0.3457



44.2371, 0.3682, 0.2662



18.0802, 0.3404, 0.3484



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.



61.7400, 0.4072, 0.3852



56.0049, 0.4318, 0.3952



92.2496, 0.3814, 0.4369



19.3943, 0.3282, 0.3402



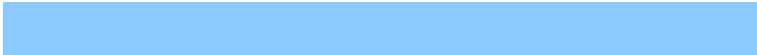
18.3964, 0.5499, 0.4016



2.0077, 0.5312, 0.4164

Inverse Universe

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



54.5436, 0.2405, 0.2638



47.9823, 0.2270, 0.2480



32.6774, 0.2278, 0.1918



18.9723, 0.2979, 0.3175



13.1572, 0.1799, 0.1676



1.4999, 0.1854, 0.1873

Previews

White Background



This preview shows how the Yxy color 61.7370, 0.4072, 0.3852 looks on a white background.

Color Contrast Check

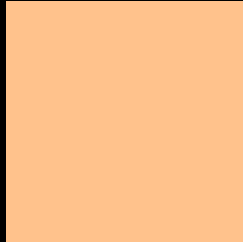
Large Text (above 18pt) WCAG AA × Fail

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 61.7370, 0.4072, 0.3852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

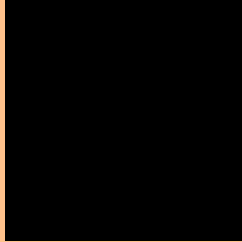
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7370, 0.4072, 0.3852

Background



This preview shows how black text looks on a background with the Yxy color 61.7370, 0.4072, 0.3852.



This preview shows how white text looks on a background with the Yxy color 61.7370, 0.4072, 0.3852.

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

61.7370, 0.4072, 0.3852

Protanopia

61.8749, 0.3713, 0.3987

Deuteranopia

61.5707, 0.3998, 0.3908



Tritanopia

61.8722, 0.3582, 0.3167

Trichromacy



Original Color

61.7370, 0.4072, 0.3852

Protanomaly

61.8864, 0.3844, 0.3942

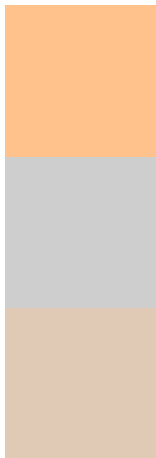
Deuteranomaly

61.6679, 0.4028, 0.3892

Tritanomaly

61.7763, 0.3762, 0.3417

Monochromacy



Original Color

61.7370, 0.4072, 0.3852

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.4658, 0.3452, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7370, 0.4072, 0.3852 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 140) }
```

Border

The CSS property to change the border of an element to Yxy 61.7370, 0.4072, 0.3852 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, 140) }
```

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

```
.border{ border-color:rgb(255, 194, 140) }
```

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, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7370, 0.4072, 0.3852 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, 140) }
```

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

```
.background{ background-color: rgb(255,  
194, 140) }
```

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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