

Converting Colors

$Y_{xy}(62.2552, 0.3836, 0.3681)$

Have a look what the booklet for
Yxy(62.2552, 0.3836, 0.3681)
contains.

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Color

Yxy(62.4270, 0.3840, 0.3687)

Conversions

Conversions Part 1

Format	Color
Hex	F8C5A0
RGB	248, 197, 160
RGB Percent	97%, 77%, 63%
CMY	0.0275, 0.2274, 0.3726
CMYK	0.00, 0.21, 0.35, 0.03
HSL	25°, 86%, 80%
HSV	25°, 35%, 97%
XYZ	65.0175, 62.4270, 41.8720
YIQ	208.0310, 42.2730, -0.6950

Conversions

Conversions Part 2

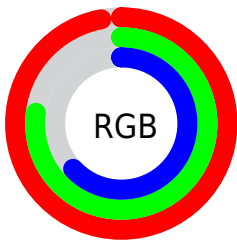
Format	Color
R _Y B	248, 224, 160
Decimal	16303520
CIE Lab	83.14, 13.23, 25.49
CIE LCh	83, 28.719, 62.574
Yxy	62.4270, 0.3840, 0.3687
Android (android.graphics.Color)	4294493600 (0xFFFF8C5A0)
YUV	208.0310, -23.6793, 35.0528
Hunter-Lab	79.0108, 8.6179, 23.8866

Details

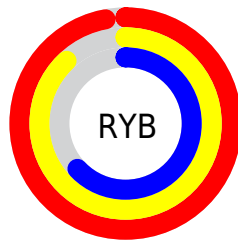
The Yxy color $62.4270, 0.3840, 0.3687$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $60.8141, 0.2567, 0.2853$, and the grayscale version is $63.2338, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.0499, 0.3365, 0.3672$, and $31.6748, 0.4021, 0.3773$ is the 20% darker color. If you saturate the color by 10%, you get $55.4311, 0.4109, 0.3799$, and if you desaturate by 10%, it is $70.2235, 0.3602, 0.3571$.

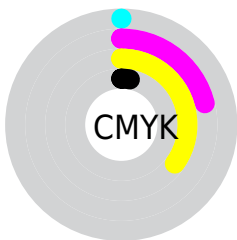
Distribution



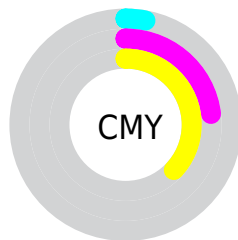
- Red (97%)
- Green (77%)
- Blue (63%)



- Red (97%)
- Yellow (88%)
- Blue (63%)



- Cyan (0%)
- Magenta (21%)
- Yellow (35%)
- Black (3%)





- Cyan (3%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4270, 0.3840, 0.3687 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 62.4270, 0.3840, 0.3687 by changing the saturation by 10% instead.


 62.4270, 0.3840,
0.3687

 62.4270, 0.3840,
0.3687


433.4869, 0.3499,
0.3508

 45.3778, 0.3920,
0.3726


 108.3424, 0.3720,
0.3626

 31.7551, 0.4019,
0.3772


 137.9775, 0.3674,
0.3602

 21.1745, 0.4146,
0.3829


172.5766, 0.3634,
0.3582

 13.2516, 0.4312,
0.3898

212.5241, 0.3600,
0.3563

 7.6021, 0.4538,
0.3981

258.2046, 0.3570,
0.3547

 3.8414, 0.4857,
0.4074

310.0022, 0.3544,

 1.5852, 0.5621,

0.3533

0.4379

368.3016, 0.3520,
0.3520

0.3476, 0.6527,
0.3473

0.0000, 0.0000,
0.0000

62.4270, 0.3840,
0.3687

62.4270, 0.3840,
0.3687

55.4311, 0.4109,
0.3799

70.2235, 0.3602,
0.3571

49.1992, 0.4405,
0.3898

78.8377, 0.3394,
0.3456

43.7049, 0.4718,
0.3972

88.2975, 0.3215,
0.3347

38.9162, 0.5032,
0.4008

98.3545, 0.3084,
0.3285

■ 34.7981, 0.5324,
0.3994

■ 98.6937, 0.3084,
0.3290

■ 31.3108, 0.5570,
0.3925

■ 29.9251, 0.5668,
0.3882

Harmonies

Analogous

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



62.4270, 0.3813, 0.3401



62.4270, 0.3840, 0.3687



62.4270, 0.3666, 0.3892

Triad

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



62.4270, 0.3840, 0.3687



62.4270, 0.2674, 0.3466



62.4270, 0.2876, 0.2719

Complementary

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



62.4270, 0.3840, 0.3687



60.8141, 0.2567, 0.2853

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.



62.4270, 0.2597, 0.2708



62.4270, 0.3840, 0.3687



62.4270, 0.2486, 0.3115

Square

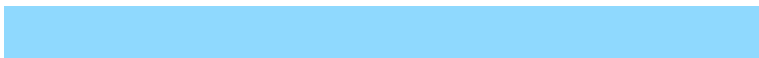
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.4270, 0.3840, 0.3687



62.4270, 0.2988, 0.3780



62.4270, 0.2459, 0.2843



62.4270, 0.3238, 0.2863

Rectangle

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



62.4270, 0.3840, 0.3687



62.4270, 0.3466, 0.3944



62.4270, 0.2459, 0.2843



62.4270, 0.2770, 0.2700

Sweetspot

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



62.4299, 0.3840, 0.3687



88.3919, 0.3310, 0.3407



49.8086, 0.3484, 0.2752



18.6298, 0.3335, 0.3422



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.



62.4299, 0.3840, 0.3687



60.7908, 0.4041, 0.3773



85.1957, 0.3686, 0.4110



18.4256, 0.3283, 0.3390



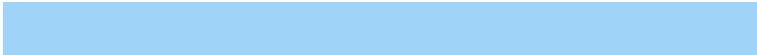
16.4309, 0.5640, 0.3904



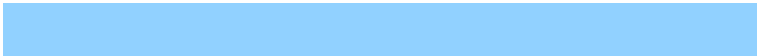
1.7263, 0.5428, 0.4072

Inverse Universe

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



60.8141, 0.2567, 0.2853



58.8038, 0.2450, 0.2741



42.0018, 0.2492, 0.2310



18.3131, 0.2980, 0.3188



14.6617, 0.1847, 0.1848



1.5676, 0.1899, 0.2036

Previews

White Background



This preview shows how the Yxy color 62.4270, 0.3840, 0.3687 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 62.4270, 0.3840, 0.3687 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 62.4270, 0.3840, 0.3687

Background



This preview shows how black text looks on a background with the Yxy color 62.4270, 0.3840, 0.3687.



This preview shows how white text looks on a background with the Yxy color 62.4270, 0.3840, 0.3687.

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

62.4270, 0.3840, 0.3687

Protanopia

62.5579, 0.3536, 0.3774

Deuteranopia

62.4396, 0.3791, 0.3714



Tritanopia

62.5520, 0.3528, 0.3146

Trichromacy



Original Color

62.4270, 0.3840, 0.3687

Protanomaly

62.1792, 0.3645, 0.3740

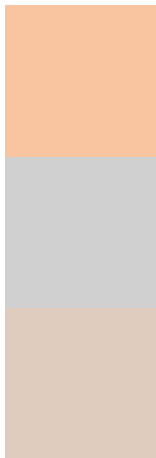
Deuteranomaly

62.3387, 0.3811, 0.3701

Tritanomaly

62.3233, 0.3639, 0.3334

Monochromacy



Original Color

62.4270, 0.3840, 0.3687

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.6353, 0.3371, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4270, 0.3840, 0.3687 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(248, 197, 160)` looks like.

```
.text, #text, p{  
    color:rgb(248, 197, 160)  
}
```

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(248, 197, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 197, 160) }
```

Border

The CSS property to change the border of an element to Yxy 62.4270, 0.3840, 0.3687 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(248, 197, 160) }
```

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

```
.border{ border-color:rgb(248, 197, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 197, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 197, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 197, 160);  
box-shadow:4px 4px 4px 4px rgb(248, 197,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4270, 0.3840, 0.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 197, 160) }
```

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

```
.background{ background-color: rgb(248,  
197, 160) }
```

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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