

Converting Colors

$Yxy(63.3188, 0.4031, 0.3725)$

Have a look what the booklet for
Yxy(63.3188, 0.4031, 0.3725)
contains.

Yxy(62.1106, 0.3976, 0.3730)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.1106, 0.3976, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	FFC298
RGB	255, 194, 152
RGB Percent	100%, 76%, 60%
CMY	0.0000, 0.2392, 0.4040
CMYK	0.00, 0.24, 0.40, 0.00
HSL	24°, 100%, 80%
HSV	24°, 40%, 100%
XYZ	66.2069, 62.1106, 38.1989
YIQ	207.4510, 49.8380, -0.1300

Conversions

Conversions Part 2

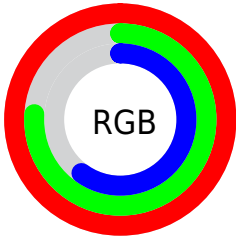
Format	Color
R _Y B	255, 223, 152
Decimal	16761496
CIE Lab	82.97, 16.62, 29.59
CIE LCh	83, 33.935, 60.672
Yxy	62.1106, 0.3976, 0.3730
Android (android.graphics.Color)	4294951576 (0xFFFFC298)
YUV	207.4510, -27.3373, 41.7005
Hunter-Lab	78.8103, 12.0362, 26.4297

Details

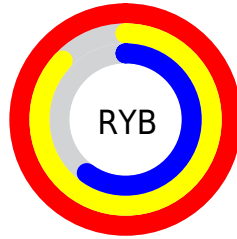
The Yxy color $62.1106, 0.3976, 0.3730$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $61.4794, 0.2492, 0.2796$, and the grayscale version is $62.8546, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.7594, 0.3419, 0.3723$, and $31.4315, 0.4182, 0.3811$ is the 20% darker color. If you saturate the color by 10%, you get $54.9762, 0.4263, 0.3834$, and if you desaturate by 10%, it is $70.1018, 0.3719, 0.3618$.

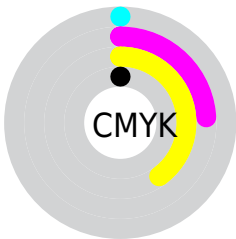
Distribution



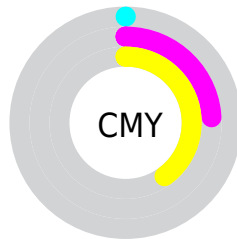
- Red (100%)
- Green (76%)
- Blue (60%)



- Red (100%)
- Yellow (87%)
- Blue (60%)



- Cyan (0%)
- Magenta (24%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1106, 0.3976, 0.3730 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 62.1106, 0.3976, 0.3730 by changing the saturation by 10% instead.


 62.1106, 0.3976,
0.3730


 62.1106, 0.3976,
0.3730


432.3344, 0.3571,
0.3536

 45.1221, 0.4070,
0.3771


 107.8854, 0.3834,
0.3665

 31.5536, 0.4188,
0.3819


 137.4404, 0.3779,
0.3639

 21.0208, 0.4336,
0.3875


171.9530, 0.3732,
0.3617

 13.1392, 0.4530,
0.3941

211.8077, 0.3691,
0.3597

 7.5245, 0.4789,
0.4013

257.3888, 0.3655,
0.3579

 3.7922, 0.5157,
0.4088

309.0807, 0.3624,

 1.5580, 0.5803,

0.3563

0.4197

367.2677, 0.3596,
0.3549

0.3290, 0.6859,
0.3141

0.0000, 0.0000,
0.0000

62.1106, 0.3976,
0.3730

62.1106, 0.3976,
0.3730

54.9762, 0.4263,
0.3834

70.1018, 0.3719,
0.3618

48.6756, 0.4575,
0.3919

78.9887, 0.3494,
0.3506

43.1715, 0.4898,
0.3973

88.7968, 0.3300,
0.3397

38.4268, 0.5211,
0.3982

99.5531, 0.3133,
0.3294

■ 34.3998, 0.5489,
0.3938

100.0000, 0.3127,
0.3290

■ 31.1575, 0.5708,
0.3850

Harmonies

Analogous

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



62.1106, 0.3931, 0.3391



62.1106, 0.3976, 0.3730



62.1106, 0.3780, 0.3988

Triad

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



62.1106, 0.3976, 0.3730



62.1106, 0.2612, 0.3524



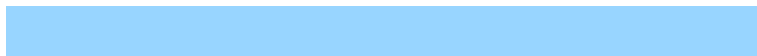
62.1106, 0.2804, 0.2618

Complementary

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



62.1106, 0.3976, 0.3730



61.4794, 0.2492, 0.2796

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.



62.1106, 0.2489, 0.2611



62.1106, 0.3976, 0.3730



62.1106, 0.2384, 0.3102

Square

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



62.1106, 0.3976, 0.3730



62.1106, 0.2985, 0.3896



62.1106, 0.2342, 0.2776



62.1106, 0.3227, 0.2777

Rectangle

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



62.1106, 0.3976, 0.3730



62.1106, 0.3548, 0.4065



62.1106, 0.2342, 0.2776



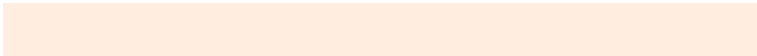
62.1106, 0.2683, 0.2598

Sweetspot

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



62.1077, 0.3976, 0.3730



87.1614, 0.3329, 0.3414



48.5571, 0.3537, 0.2659



18.3747, 0.3354, 0.3428



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.



62.1077, 0.3976, 0.3730



56.6087, 0.4192, 0.3810



88.6493, 0.3771, 0.4207



19.2033, 0.3284, 0.3387



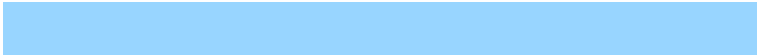
16.5559, 0.5678, 0.3873



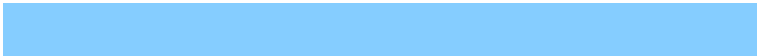
1.8202, 0.5472, 0.4037

Inverse Universe

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



61.4794, 0.2492, 0.2796



55.8785, 0.2378, 0.2684



39.8368, 0.2392, 0.2168



19.1663, 0.2979, 0.3191



15.6413, 0.1859, 0.1892



1.7379, 0.1908, 0.2067

Previews

White Background



This preview shows how the Yxy color 62.1106, 0.3976, 0.3730 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 62.1106, 0.3976, 0.3730 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 62.1106, 0.3976, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 62.1106, 0.3976, 0.3730.



This preview shows how white text looks on a background with the Yxy color 62.1106, 0.3976, 0.3730.

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

62.1106, 0.3976, 0.3730

Protanopia

62.4664, 0.3597, 0.3854

Deuteranopia

62.0350, 0.3883, 0.3797



Tritanopia

61.9195, 0.3574, 0.3157

Trichromacy



Original Color

62.1106, 0.3976, 0.3730

Protanomaly

61.9650, 0.3728, 0.3804

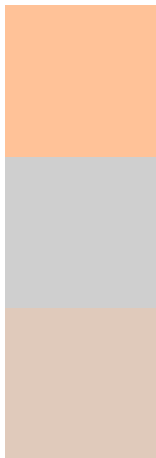
Deuteranomaly

62.3066, 0.3920, 0.3780

Tritanomaly

61.9823, 0.3720, 0.3365

Monochromacy



Original Color

62.1106, 0.3976, 0.3730

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.6762, 0.3413, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1106, 0.3976, 0.3730 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 152) }
```

Border

The CSS property to change the border of an element to Yxy 62.1106, 0.3976, 0.3730 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, 152) }
```

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

```
.border{ border-color:rgb(255, 194, 152) }
```

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, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1106, 0.3976, 0.3730 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, 152) }
```

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

```
.background{ background-color: rgb(255,  
194, 152) }
```

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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