

Converting Colors

$Yxy(62.8779, 0.3881, 0.3711)$

Have a look what the booklet for
Yxy(62.8779, 0.3881, 0.3711)
contains.

Yxy(62.9104, 0.3881, 0.3704)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.9104, 0.3881, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	FBC59E
RGB	251, 197, 158
RGB Percent	98%, 77%, 62%
CMY	0.0158, 0.2274, 0.3804
CMYK	0.00, 0.22, 0.37, 0.02
HSL	25°, 92%, 80%
HSV	25°, 37%, 98%
XYZ	65.9166, 62.9104, 41.0174
YIQ	208.7000, 44.7030, -0.6810

Conversions

Conversions Part 2

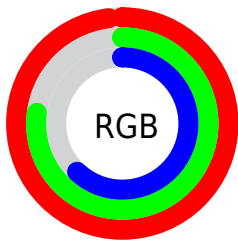
Format	Color
R _Y B	251, 225, 158
Decimal	16500126
CIE Lab	83.40, 14.15, 26.93
CIE LCh	83, 30.418, 62.279
Yxy	62.9104, 0.3881, 0.3704
Android (android.graphics.Color)	4294690206 (0xFFFBC59E)
YUV	208.7000, -24.9951, 37.0971
Hunter-Lab	79.3161, 9.5416, 24.8601

Details

The Yxy color $62.9104, 0.3881, 0.3704$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $61.3059, 0.2542, 0.2831$, and the grayscale version is $63.7001, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.9477, 0.3377, 0.3691$, and $32.0230, 0.4076, 0.3792$ is the 20% darker color. If you saturate the color by 10%, you get $55.8355, 0.4155, 0.3814$, and if you desaturate by 10%, it is $70.8071, 0.3637, 0.3588$.

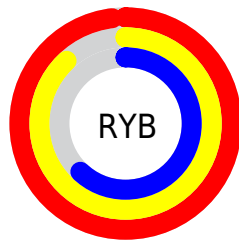
Distribution



Red (98%)

Green (77%)

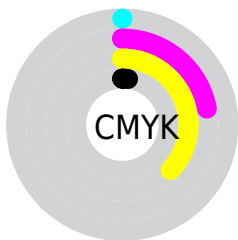
Blue (62%)



Red (98%)

Yellow (88%)

Blue (62%)

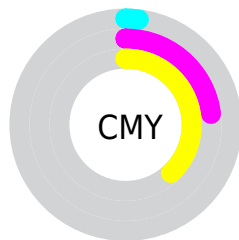


Cyan (0%)

Magenta (22%)

Yellow (37%)

Black (2%)



Cyan (2%)


Magenta (23%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9104, 0.3881, 0.3704 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 62.9104, 0.3881, 0.3704 by changing the saturation by 10% instead.


 62.9104, 0.3881,
0.3704

 62.9104, 0.3881,
0.3704


435.2442, 0.3522,
0.3519

 45.7687, 0.3965,
0.3744


 109.0402, 0.3755,
0.3642

 32.0634, 0.4069,
0.3791


 138.7972, 0.3706,
0.3617

 21.4099, 0.4202,
0.3848


173.5280, 0.3664,
0.3595

 13.4240, 0.4375,
0.3917

213.6171, 0.3628,
0.3576

 7.7211, 0.4609,
0.3998

259.4489, 0.3596,
0.3559

 3.9170, 0.4937,
0.4085

311.4078, 0.3568,

 1.6273, 0.5663,

0.3544

0.4337

369.8781, 0.3544,
0.3531

0.3759, 0.6515,
0.3485

0.0000, 0.0000,
0.0000

62.9104, 0.3881,
0.3704

62.9104, 0.3881,
0.3704

55.8355, 0.4155,
0.3814

70.8071, 0.3637,
0.3588

49.5447, 0.4455,
0.3910

79.5438, 0.3425,
0.3474

44.0101, 0.4770,
0.3979

89.1495, 0.3241,
0.3364

39.1981, 0.5083,
0.4007

99.2458, 0.3102,
0.3290

■ 35.0720, 0.5370,
0.3984

■ 31.5893, 0.5609,
0.3907

■ 30.6708, 0.5672,
0.3878

Harmonies

Analogous

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



62.9104, 0.3851, 0.3402



62.9104, 0.3881, 0.3704



62.9104, 0.3698, 0.3924

Triad

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



62.9104, 0.3881, 0.3704



62.9104, 0.2652, 0.3479



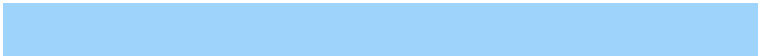
62.9104, 0.2858, 0.2689

Complementary

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



62.9104, 0.3881, 0.3704



61.3059, 0.2542, 0.2831

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.



62.9104, 0.2566, 0.2677



62.9104, 0.3881, 0.3704



62.9104, 0.2453, 0.3107

Square

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



62.9104, 0.3881, 0.3704



62.9104, 0.2982, 0.3812



62.9104, 0.2423, 0.2820



62.9104, 0.3240, 0.2839

Rectangle

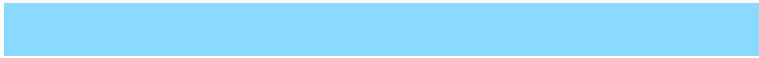
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.9104, 0.3881, 0.3704



62.9104, 0.3487, 0.3982



62.9104, 0.2423, 0.2820



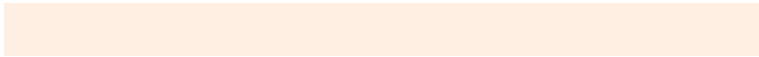
62.9104, 0.2747, 0.2668

Sweetspot

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



62.9134, 0.3881, 0.3704



88.3718, 0.3311, 0.3406



49.7264, 0.3506, 0.2727



18.6250, 0.3335, 0.3421



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.



62.9134, 0.3881, 0.3704



60.0100, 0.4069, 0.3782



87.2154, 0.3711, 0.4146



18.4220, 0.3283, 0.3390



16.3973, 0.5643, 0.3901



1.7230, 0.5431, 0.4070

Inverse Universe

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



61.3059, 0.2542, 0.2831



58.1169, 0.2435, 0.2727



41.4157, 0.2459, 0.2258



18.3168, 0.2980, 0.3188



14.7114, 0.1848, 0.1852



1.5721, 0.1900, 0.2040

Previews

White Background



This preview shows how the Yxy color 62.9104, 0.3881, 0.3704 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 62.9104, 0.3881, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

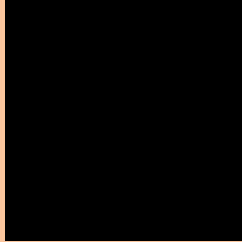
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.9104, 0.3881, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 62.9104, 0.3881, 0.3704.



This preview shows how white text looks on a background with the Yxy color 62.9104, 0.3881, 0.3704.

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

62.9104, 0.3881, 0.3704

Protanopia

63.2857, 0.3565, 0.3805

Deuteranopia

63.1897, 0.3820, 0.3743



Tritanopia

62.9294, 0.3545, 0.3147

Trichromacy



Original Color

62.9104, 0.3881, 0.3704

Protanomaly

63.0826, 0.3683, 0.3769

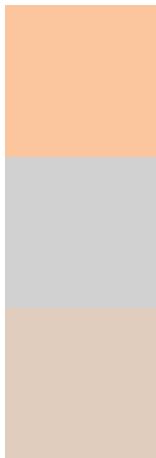
Deuteranomaly

63.0896, 0.3840, 0.3730

Tritanomaly

62.8416, 0.3673, 0.3344

Monochromacy



Original Color

62.9104, 0.3881, 0.3704

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.2276, 0.3385, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9104, 0.3881, 0.3704 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(251, 197, 158)` looks like.

```
.text, #text, p{  
    color:rgb(251, 197, 158)  
}
```

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(251, 197, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 197, 158) }
```

Border

The CSS property to change the border of an element to Yxy 62.9104, 0.3881, 0.3704 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(251, 197, 158) }
```

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

```
.border{ border-color:rgb(251, 197, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 197, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 197, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 197, 158);  
box-shadow:4px 4px 4px 4px rgb(251, 197,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9104, 0.3881, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 197, 158) }
```

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

```
.background{ background-color: rgb(251,  
197, 158) }
```

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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