

Converting Colors

$Yxy(76.8938, 0.4453, 0.3598)$

Have a look what the booklet for
Yxy(76.8938, 0.4453, 0.3598)
contains.

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Color

Yxy(62.2779, 0.3935, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	FFC29D
RGB	255, 194, 157
RGB Percent	100%, 76%, 62%
CMY	0.0000, 0.2393, 0.3842
CMYK	0.00, 0.24, 0.38, 0.00
HSL	23°, 100%, 81%
HSV	23°, 38%, 100%
XYZ	66.6296, 62.2779, 40.4180
YIQ	208.0210, 48.2330, 1.4250

Conversions

Conversions Part 2

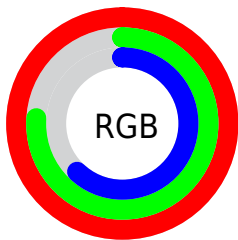
Format	Color
R _Y B	255, 216, 157
Decimal	16761501
CIE Lab	83.06, 17.18, 27.06
CIE LCh	83, 32.051, 57.587
Yxy	62.2779, 0.3935, 0.3678
Android (android.graphics.Color)	4294951581 (0xFFFFC29D)
YUV	208.0210, -25.1534, 41.2006
Hunter-Lab	78.9163, 12.6051, 24.8753

Details

The Yxy color **62.2779, 0.3935, 0.3678** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.5526, 0.2528, 0.2861**, and the grayscale version is **63.2300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0078, 0.3388, 0.3673**, and **31.5119, 0.4139, 0.3759** is the 20% darker color. If you saturate the color by 10%, you get **54.7972, 0.4225, 0.3776**, and if you desaturate by 10%, it is **70.6873, 0.3678, 0.3574**.

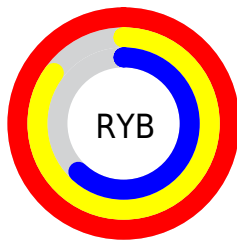
Distribution



Red (100%)

Green (76%)

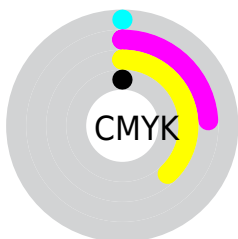
Blue (62%)



Red (100%)

Yellow (85%)

Blue (62%)

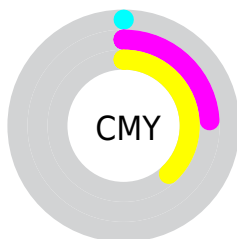


Cyan (0%)

Magenta (24%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2779, 0.3935, 0.3678 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 62.2779, 0.3935, 0.3678 by changing the saturation by 10% instead.


 62.2779, 0.3935,
0.3678


 62.2779, 0.3935,
0.3678


432.9441, 0.3549,
0.3507

 45.2573, 0.4025,
0.3714


 108.1271, 0.3799,
0.3621

 31.6601, 0.4138,
0.3756


 137.7244, 0.3747,
0.3598

 21.1020, 0.4281,
0.3806


172.2828, 0.3702,
0.3578

 13.1986, 0.4469,
0.3865

212.1866, 0.3663,
0.3560

 7.5655, 0.4723,
0.3931

257.8203, 0.3629,
0.3545

 3.8182, 0.5079,
0.3992

309.5681, 0.3599,

 1.5724, 0.5829,

0.3531

0.4171

367.8146, 0.3572,
0.3518

0.3389, 0.6863,
0.3137

0.0000, 0.0000,
0.0000

62.2779, 0.3935,
0.3678

62.2779, 0.3935,
0.3678

54.7972, 0.4225,
0.3776

70.6873, 0.3678,
0.3574

48.2227, 0.4545,
0.3858

80.0709, 0.3456,
0.3470

42.5128, 0.4882,
0.3913

90.4558, 0.3266,
0.3370

37.6268, 0.5214,
0.3926

100.0000, 0.3127,
0.3290

■ 33.5197, 0.5514,
0.3887

■ 30.1379, 0.5758,
0.3798

■ 29.6631, 0.5794,
0.3782

Harmonies

Analogous

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



62.2779, 0.3867, 0.3353



62.2779, 0.3935, 0.3678



62.2779, 0.3772, 0.3932

Triad

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



62.2779, 0.3935, 0.3678



62.2779, 0.2672, 0.3552



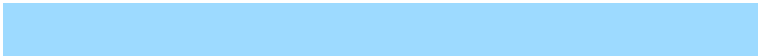
62.2779, 0.2785, 0.2645

Complementary

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



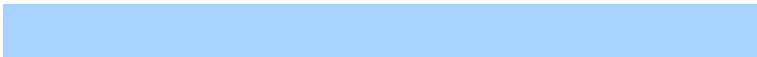
62.2779, 0.3935, 0.3678



64.5526, 0.2528, 0.2861

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.



62.2779, 0.2501, 0.2656



62.2779, 0.3935, 0.3678



62.2779, 0.2438, 0.3153

Square

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



62.2779, 0.3935, 0.3678



62.2779, 0.3035, 0.3886



62.2779, 0.2378, 0.2831



62.2779, 0.3180, 0.2782

Rectangle

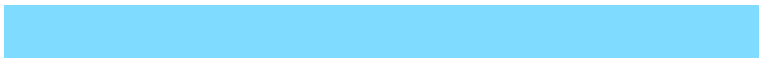
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.2779, 0.3935, 0.3678



62.2779, 0.3563, 0.4016



62.2779, 0.2378, 0.2831



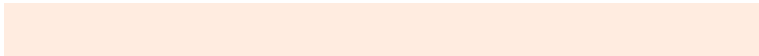
62.2779, 0.2675, 0.2631

Sweetspot

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



62.2737, 0.3935, 0.3678



86.6225, 0.3330, 0.3405



50.5010, 0.3480, 0.2659



18.2483, 0.3355, 0.3418



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.



62.2737, 0.3935, 0.3678



56.5234, 0.4152, 0.3753



87.1618, 0.3751, 0.4135



19.1100, 0.3285, 0.3380



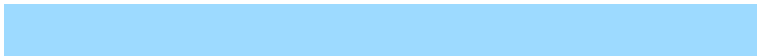
15.7634, 0.5764, 0.3805



1.7370, 0.5551, 0.3975

Inverse Universe

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



64.5526, 0.2528, 0.2861



59.0601, 0.2416, 0.2759



43.1734, 0.2439, 0.2272



19.2624, 0.2979, 0.3198



16.9892, 0.1889, 0.2001



1.8647, 0.1935, 0.2164

Previews

White Background



This preview shows how the Yxy color 62.2779, 0.3935, 0.3678 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 62.2779, 0.3935, 0.3678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

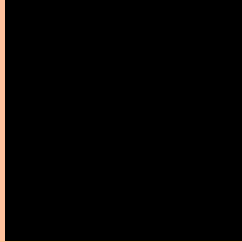
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2779, 0.3935, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 62.2779, 0.3935, 0.3678.



This preview shows how white text looks on a background with the Yxy color 62.2779, 0.3935, 0.3678.

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

62.2779, 0.3935, 0.3678

Protanopia

62.6421, 0.3560, 0.3796

Deuteranopia

62.4802, 0.3831, 0.3756



Tritanopia

62.3987, 0.3563, 0.3157

Trichromacy



Original Color

62.2779, 0.3935, 0.3678

Protanomaly

62.1379, 0.3689, 0.3748

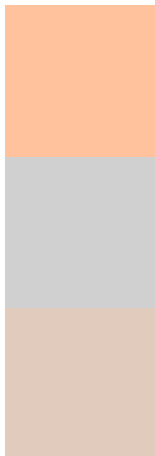
Deuteranomaly

62.2893, 0.3872, 0.3729

Tritanomaly

62.0668, 0.3703, 0.3344

Monochromacy



Original Color

62.2779, 0.3935, 0.3678

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.3935, 0.3404, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2779, 0.3935, 0.3678 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 157) }
```

Border

The CSS property to change the border of an element to Yxy 62.2779, 0.3935, 0.3678 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, 157) }
```

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

```
.border{ border-color:rgb(255, 194, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2779, 0.3935, 0.3678 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, 157) }
```

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

```
.background{ background-color: rgb(255,  
194, 157) }
```

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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