

Converting Colors

$Yxy(78.6397, 0.3573, 0.3625)$

Have a look what the booklet for
Yxy(78.6397, 0.3573, 0.3625)
contains.

Yxy(78.9162, 0.3570, 0.3627)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.9162, 0.3570, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1C0
RGB	255, 225, 192
RGB Percent	100%, 88%, 75%
CMY	0.0000, 0.1176, 0.2472
CMYK	0.00, 0.12, 0.25, 0.00
HSL	31°, 100%, 88%
HSV	31°, 25%, 100%
XYZ	77.6760, 78.9162, 60.9876
YIQ	230.2080, 28.4730, -3.9030

Conversions

Conversions Part 2

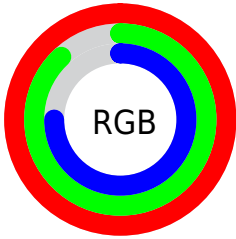
Format	Color
R _Y B	249, 255, 192
Decimal	16769472
CIE Lab	91.20, 5.42, 19.96
CIE LCh	91, 20.680, 74.818
Yxy	78.9162, 0.3570, 0.3627
Android (android.graphics.Color)	4294959552 (0xFFFFE1C0)
YUV	230.2080, -18.8365, 21.7426
Hunter-Lab	88.8348, 0.6172, 21.4801

Details

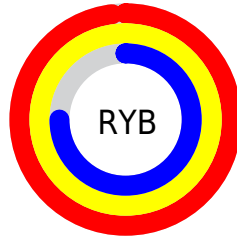
The Yxy color **78.9162, 0.3570, 0.3627** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70.6412, 0.2731, 0.2928**, and the grayscale version is **79.4194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **42.5902, 0.3678, 0.3707** is the 20% darker color. If you saturate the color by 10%, you get **71.5571, 0.3790, 0.3770**, and if you desaturate by 10%, it is **86.9444, 0.3374, 0.3486**.

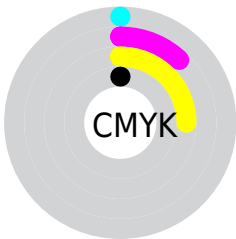
Distribution



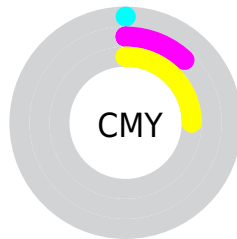
- Red (100%)
- Green (88%)
- Blue (75%)



- Red (98%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (12%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.9162, 0.3570, 0.3627 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 78.9162, 0.3570, 0.3627 by changing the saturation by 10% instead.


 78.9162, 0.3570,
0.3627

 78.9162, 0.3570,
0.3627

491.2728, 0.3367,
0.3476

 58.8269, 0.3616,
0.3660

 131.8409, 0.3500,
0.3576

 42.4738, 0.3671,
0.3700


165.4451, 0.3473,
0.3555

 29.4725, 0.3741,
0.3750


204.3230, 0.3449,
0.3538

 19.4385, 0.3832,
0.3813

248.8591, 0.3429,
0.3522

 11.9876, 0.3952,
0.3896

299.4377, 0.3411,
0.3509

 6.7352, 0.4119,
0.4006

356.4433, 0.3395,

 3.2971, 0.4365,

0.3497

0.4156

420.2602, 0.3380,
0.3486

■ 1.2887, 0.5212,
0.4788

■ 0.1324, 0.6609,
0.3391

■ 78.9162, 0.3570,
0.3627

■ 78.9162, 0.3570,
0.3627

■ 71.5571, 0.3790,
0.3770

■ 86.9444, 0.3374,
0.3486

■ 64.8366, 0.4031,
0.3909

■ 95.6497, 0.3201,
0.3351

■ 58.7374, 0.4290,
0.4034

99.9997, 0.3127,
0.3290

■ 53.2371, 0.4558,
0.4134

■ 48.3113, 0.4821,
0.4196

■ 43.9330, 0.5063,
0.4208

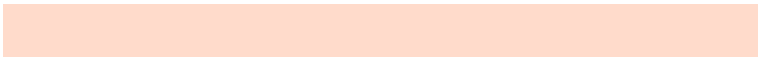
■ 40.0710, 0.5269,
0.4164

■ 38.2207, 0.5364,
0.4123

Harmonies

Analogous

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



78.9162, 0.3606, 0.3454



78.9162, 0.3570, 0.3627



78.9162, 0.3413, 0.3717

Triad

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



78.9162, 0.3570, 0.3627



78.9162, 0.2759, 0.3314



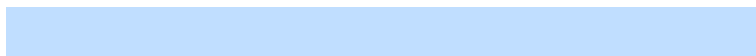
78.9162, 0.3057, 0.2930

Complementary

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



78.9162, 0.3570, 0.3627



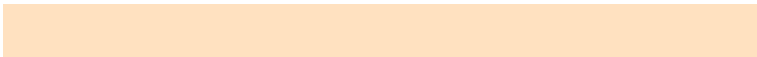
70.6412, 0.2731, 0.2928

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.



78.9162, 0.2838, 0.2886



78.9162, 0.3570, 0.3627



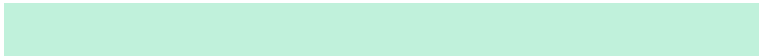
78.9162, 0.2671, 0.3096

Square

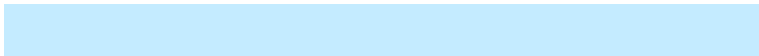
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9162, 0.3570, 0.3627



78.9162, 0.2943, 0.3536



78.9162, 0.2700, 0.2943



78.9162, 0.3303, 0.3061

Rectangle

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



78.9162, 0.3570, 0.3627



78.9162, 0.3263, 0.3711



78.9162, 0.2700, 0.2943



78.9162, 0.2978, 0.2905

Sweetspot

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



78.9198, 0.3570, 0.3627



93.6039, 0.3239, 0.3381



64.2418, 0.3402, 0.2981



19.9205, 0.3249, 0.3389



0.0000, 0.0000, 0.0000



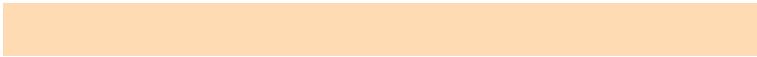
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9198, 0.3570, 0.3627



74.9508, 0.3683, 0.3703



96.3842, 0.3495, 0.3911



19.5630, 0.3281, 0.3415



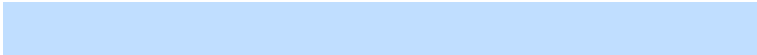
20.2728, 0.5339, 0.4142



2.1928, 0.5173, 0.4275

Inverse Universe

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



70.6412, 0.2731, 0.2928



65.2925, 0.2642, 0.2838



56.2447, 0.2708, 0.2586



18.8034, 0.2979, 0.3162



11.2533, 0.1748, 0.1494



1.3127, 0.1807, 0.1705

Previews

White Background



This preview shows how the Yxy color 78.9162, 0.3570, 0.3627 looks on a white background.

Color Contrast Check

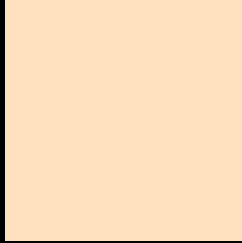
Large Text (above 18pt) WCAG AA × Fail

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 78.9162, 0.3570, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

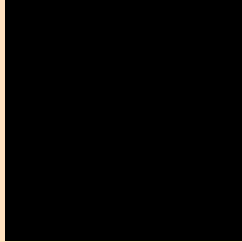
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.9162, 0.3570, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 78.9162, 0.3570, 0.3627.



This preview shows how white text looks on a background with the Yxy color 78.9162, 0.3570, 0.3627.

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

78.9162, 0.3570, 0.3627

Protanopia

78.8109, 0.3451, 0.3657

Deuteranopia

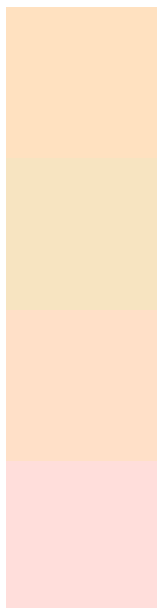
78.9791, 0.3480, 0.3483



Tritanopia

78.9711, 0.3276, 0.3152

Trichromacy



Original Color

78.9162, 0.3570, 0.3627

Protanomaly

79.1112, 0.3497, 0.3653

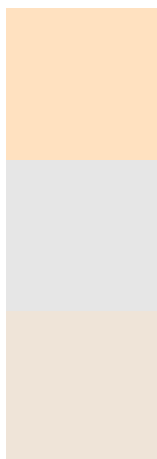
Deuteranomaly

78.7414, 0.3516, 0.3535

Tritanomaly

78.6170, 0.3386, 0.3321

Monochromacy



Original Color

78.9162, 0.3570, 0.3627

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.7954, 0.3283, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9162, 0.3570, 0.3627 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, 225, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 192)  
}
```

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, 225, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 192) }
```

Border

The CSS property to change the border of an element to Yxy 78.9162, 0.3570, 0.3627 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, 225, 192) }
```

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

```
.border{ border-color:rgb(255, 225, 192) }
```

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

Here you see how a box with a 4 pixel rgb(255, 225, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9162, 0.3570, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 192) }
```

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

```
.background{ background-color: rgb(255,  
225, 192) }
```

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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