

Converting Colors

$Y_{xy}(79.2279, 0.3528, 0.3567)$

Have a look what the booklet for
Yxy(79.2279, 0.3528, 0.3567)
contains.

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Color

Yxy(79.1876, 0.3528, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1C6
RGB	255, 225, 198
RGB Percent	100%, 88%, 78%
CMY	0.0000, 0.1177, 0.2236
CMYK	0.00, 0.12, 0.22, 0.00
HSL	28°, 100%, 89%
HSV	28°, 22%, 100%
XYZ	78.3657, 79.1876, 64.5718
YIQ	230.8920, 26.5470, -2.0370

Conversions

Conversions Part 2

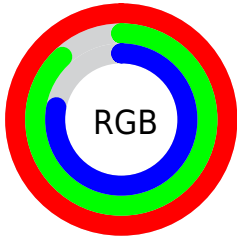
Format	Color
R _Y B	255, 249, 198
Decimal	16769478
CIE Lab	91.32, 6.27, 17.00
CIE LCh	91, 18.119, 69.768
Yxy	79.1876, 0.3528, 0.3565
Android (android.graphics.Color)	4294959558 (0xFFFFE1C6)
YUV	230.8920, -16.2158, 21.1427
Hunter-Lab	88.9874, 1.4660, 19.2687

Details

The Yxy color $79.1876, 0.3528, 0.3565$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $74.7060, 0.2772, 0.2998$, and the grayscale version is $79.9309, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $42.7688, 0.3623, 0.3629$ is the 20% darker color. If you saturate the color by 10%, you get $71.1327, 0.3749, 0.3695$, and if you desaturate by 10%, it is $88.0056, 0.3333, 0.3438$.

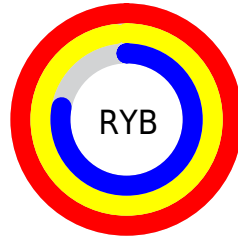
Distribution



Red (100%)

Green (88%)

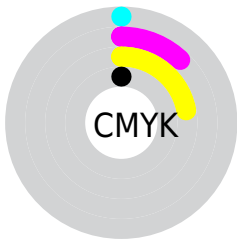
Blue (78%)



Red (100%)

Yellow (98%)

Blue (78%)

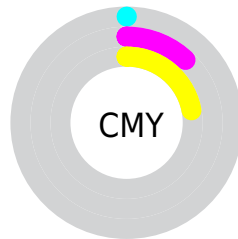


Cyan (0%)

Magenta (12%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.1876, 0.3528, 0.3565 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 79.1876, 0.3528, 0.3565 by changing the saturation by 10% instead.

 79.1876, 0.3528,
0.3565

 79.1876, 0.3528,
0.3565


492.1908, 0.3344,
0.3442

 59.0501, 0.3569,
0.3592


132.2229, 0.3465,
0.3523

 42.6534, 0.3620,
0.3625

165.8895, 0.3440,
0.3507

 29.6133, 0.3684,
0.3665


204.8346, 0.3419,
0.3492

 19.5452, 0.3767,
0.3717

249.4425, 0.3400,
0.3480

 12.0649, 0.3877,
0.3784

300.0977, 0.3384,
0.3469

 6.7879, 0.4033,
0.3875

357.1845, 0.3369,

 3.3298, 0.4264,

0.3459

0.4001

421.0874, 0.3356,
0.3450

1.3062, 0.4946,
0.4454

0.1460, 0.6664,
0.3336

79.1876, 0.3528,
0.3565

79.1876, 0.3528,
0.3565

71.1327, 0.3749,
0.3695

88.0056, 0.3333,
0.3438

63.8259, 0.3997,
0.3823

97.6164, 0.3164,
0.3317

57.2403, 0.4269,
0.3940

100.0000, 0.3127,
0.3290

51.3499, 0.4556,
0.4036

■ 46.1270, 0.4846,
0.4097

■ 41.5407, 0.5121,
0.4110

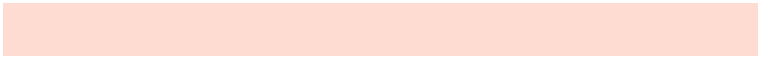
■ 37.5567, 0.5360,
0.4068

■ 34.8866, 0.5514,
0.4003

Harmonies

Analogous

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



79.1876, 0.3539, 0.3406



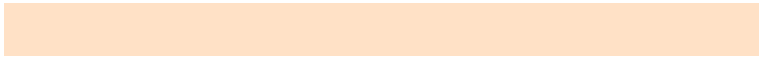
79.1876, 0.3528, 0.3565



79.1876, 0.3407, 0.3657

Triad

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



79.1876, 0.3528, 0.3565



79.1876, 0.2826, 0.3346



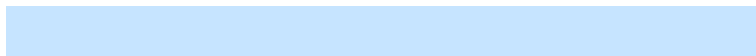
79.1876, 0.3031, 0.2961

Complementary

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



79.1876, 0.3528, 0.3565



74.7060, 0.2772, 0.2998

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.



79.1876, 0.2847, 0.2937



79.1876, 0.3528, 0.3565



79.1876, 0.2732, 0.3151

Square

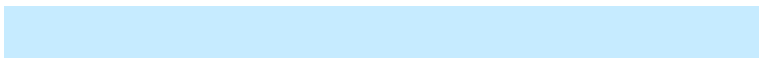
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1876, 0.3528, 0.3565



79.1876, 0.3000, 0.3532



79.1876, 0.2740, 0.3003



79.1876, 0.3247, 0.3065

Rectangle

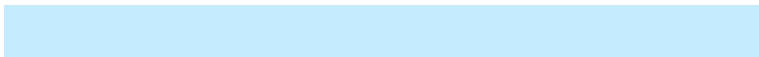
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1876, 0.3528, 0.3565



79.1876, 0.3282, 0.3663



79.1876, 0.2740, 0.3003



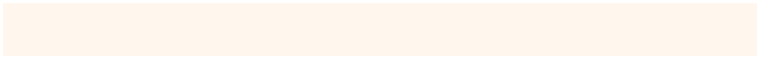
79.1876, 0.2964, 0.2943

Sweetspot

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



79.1849, 0.3528, 0.3565



93.0554, 0.3239, 0.3372



67.2657, 0.3348, 0.2984



19.7935, 0.3250, 0.3380



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.



79.1849, 0.3528, 0.3565



75.3528, 0.3627, 0.3625



95.6501, 0.3470, 0.3833



19.4063, 0.3282, 0.3403



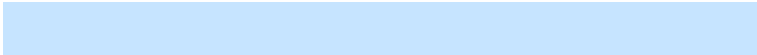
18.5230, 0.5488, 0.4025



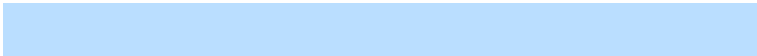
2.0204, 0.5302, 0.4172

Inverse Universe

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



74.7060, 0.2772, 0.2998



70.1244, 0.2696, 0.2929



60.4806, 0.2748, 0.2683



18.9601, 0.2979, 0.3175



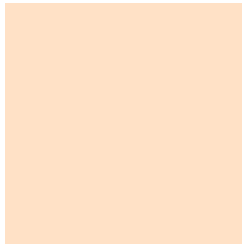
13.0119, 0.1795, 0.1662



1.4858, 0.1850, 0.1861

Previews

White Background



This preview shows how the Yxy color 79.1876, 0.3528, 0.3565 looks on a white background.

Color Contrast Check

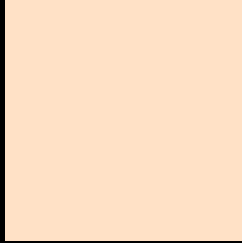
Large Text (above 18pt) WCAG AA × Fail

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 79.1876, 0.3528, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

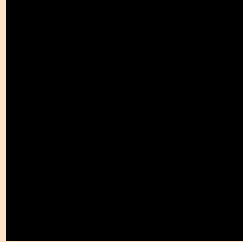
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.1876, 0.3528, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 79.1876, 0.3528, 0.3565.

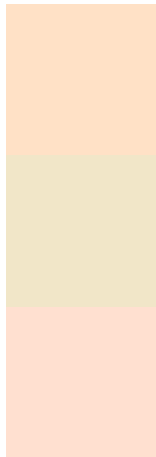


This preview shows how white text looks on a background with the Yxy color 79.1876, 0.3528, 0.3565.

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

79.1876, 0.3528, 0.3565

Protanopia

79.4645, 0.3401, 0.3604

Deuteranopia

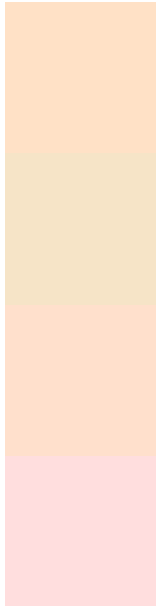
79.1254, 0.3459, 0.3453



Tritanopia

79.0290, 0.3269, 0.3142

Trichromacy



Original Color

79.1876, 0.3528, 0.3565

Protanomaly

79.2032, 0.3448, 0.3591

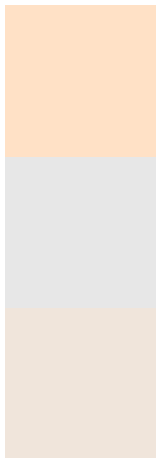
Deuteranomaly

78.9309, 0.3488, 0.3494

Tritanomaly

78.7765, 0.3365, 0.3291

Monochromacy



Original Color

79.1876, 0.3528, 0.3565

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.6784, 0.3269, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.1876, 0.3528, 0.3565 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 198) }
```

Border

The CSS property to change the border of an element to Yxy 79.1876, 0.3528, 0.3565 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, 198) }
```

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

```
.border{ border-color:rgb(255, 225, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
198) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 79.1876, 0.3528, 0.3565$ 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, 198) }
```

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

```
.background{ background-color: rgb(255,  
225, 198) }
```

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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