

Converting Colors

$Y_{xy}(86.5718, 0.3815, 0.3611)$

Have a look what the booklet for
Yxy(86.5718, 0.3815, 0.3611)
contains.

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Color

Yxy(79.4585, 0.3567, 0.3636)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2C0
RGB	255, 226, 192
RGB Percent	100%, 89%, 75%
CMY	0.0001, 0.1137, 0.2469
CMYK	0.00, 0.11, 0.25, 0.00
HSL	32°, 100%, 88%
HSV	32°, 25%, 100%
XYZ	77.9506, 79.4585, 61.1236
YIQ	230.7950, 28.1980, -4.4260

Conversions

Conversions Part 2

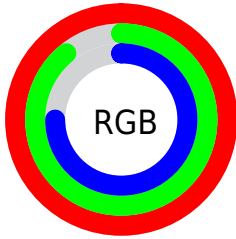
Format	Color
R _Y B	246, 255, 192
Decimal	16769728
CIE Lab	91.44, 4.91, 20.26
CIE LCh	91, 20.845, 76.376
Yxy	79.4585, 0.3567, 0.3636
Android (android.graphics.Color)	4294959808 (0xFFFFE2C0)
YUV	230.7950, -19.1259, 21.2278
Hunter-Lab	89.1395, 0.1004, 21.7421

Details

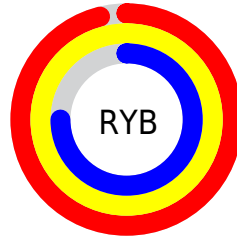
The Yxy color **79.4585, 0.3567, 0.3636** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70.1570, 0.2730, 0.2917**, and the grayscale version is **79.8832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **42.9666, 0.3674, 0.3720** is the 20% darker color. If you saturate the color by 10%, you get **72.2596, 0.3784, 0.3783**, and if you desaturate by 10%, it is **87.2976, 0.3373, 0.3491**.

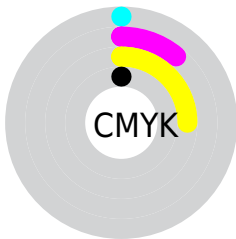
Distribution



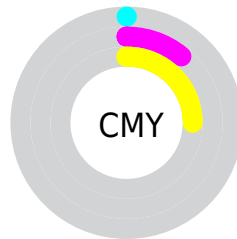
- Red (100%)
- Green (89%)
- Blue (75%)



- Red (96%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.4585, 0.3567, 0.3636 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 79.4585, 0.3567, 0.3636 by changing the saturation by 10% instead.


 79.4585, 0.3567,
0.3636

 79.4585, 0.3567,
0.3636

493.1061, 0.3366,
0.3481

 59.2729, 0.3612,
0.3670


 132.6041, 0.3498,
0.3583

 42.8328, 0.3667,
0.3711

166.3329, 0.3471,
0.3562

 29.7540, 0.3737,
0.3763


205.3449, 0.3447,
0.3544

 19.6519, 0.3826,
0.3828

250.0244, 0.3427,
0.3529

 12.1423, 0.3944,
0.3912

300.7559, 0.3409,
0.3515

 6.8406, 0.4108,
0.4025

357.9237, 0.3393,

 3.3626, 0.4348,

0.3502

0.4181

421.9123, 0.3379,
0.3491

■ 1.3239, 0.5178,
0.4822

■ 0.1596, 0.6299,
0.3701

■ 79.4585, 0.3567,
0.3636

■ 79.4585, 0.3567,
0.3636

■ 72.2596, 0.3784,
0.3783

■ 87.2976, 0.3373,
0.3491

■ 65.6714, 0.4022,
0.3925

■ 95.7839, 0.3200,
0.3352

■ 59.6774, 0.4276,
0.4054

99.9972, 0.3127,
0.3290

■ 54.2563, 0.4537,
0.4157

■ 49.3848, 0.4793,
0.4223

■ 45.0370, 0.5027,
0.4238

■ 41.1830, 0.5226,
0.4199

■ 39.3165, 0.5318,
0.4160

Harmonies

Analogous

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



79.4585, 0.3610, 0.3465



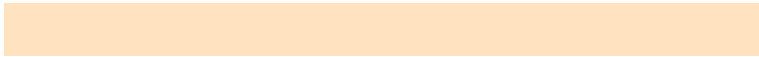
79.4585, 0.3567, 0.3636



79.4585, 0.3404, 0.3721

Triad

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



79.4585, 0.3567, 0.3636



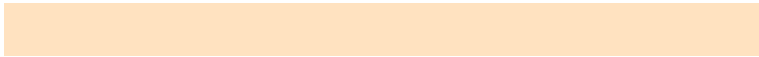
79.4585, 0.2749, 0.3302



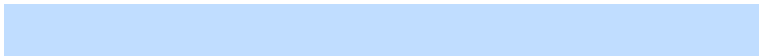
79.4585, 0.3070, 0.2933

Complementary

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



79.4585, 0.3567, 0.3636



70.1570, 0.2730, 0.2917

Split Complementary

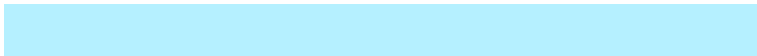
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.4585, 0.2846, 0.2883



79.4585, 0.3567, 0.3636



79.4585, 0.2667, 0.3085

Square

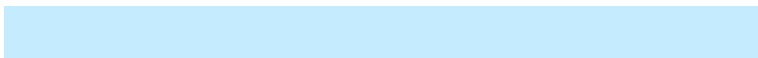
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4585, 0.3567, 0.3636



79.4585, 0.2931, 0.3527



79.4585, 0.2702, 0.2935



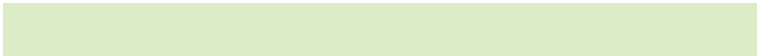
79.4585, 0.3317, 0.3069

Rectangle

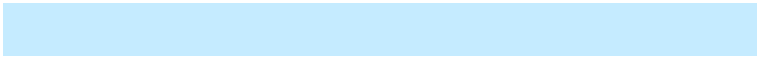
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4585, 0.3567, 0.3636



79.4585, 0.3252, 0.3710



79.4585, 0.2702, 0.2935



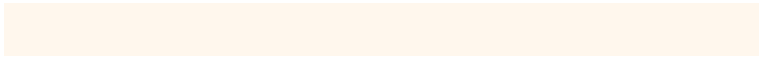
79.4585, 0.2989, 0.2906

Sweetspot

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



79.4621, 0.3567, 0.3636



93.7713, 0.3238, 0.3384



64.2196, 0.3410, 0.2992



19.9592, 0.3248, 0.3392



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.



79.4621, 0.3567, 0.3636



75.5650, 0.3680, 0.3714



96.1800, 0.3487, 0.3912



19.6109, 0.3281, 0.3418



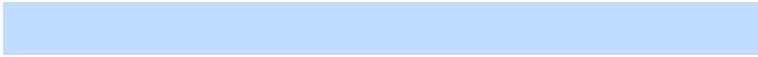
20.8487, 0.5294, 0.4178



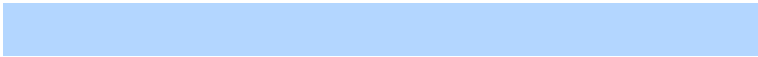
2.2486, 0.5134, 0.4305

Inverse Universe

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



70.1570, 0.2730, 0.2917



64.6962, 0.2641, 0.2824



56.4271, 0.2715, 0.2589



18.7559, 0.2979, 0.3158



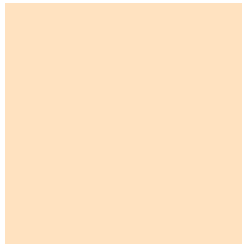
10.7606, 0.1735, 0.1444



1.2633, 0.1794, 0.1659

Previews

White Background



This preview shows how the Yxy color 79.4585, 0.3567, 0.3636 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 79.4585, 0.3567, 0.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

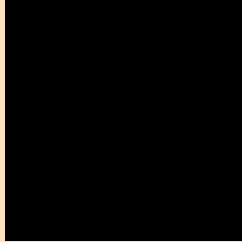
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.4585, 0.3567, 0.3636

Background



This preview shows how black text looks on a background with the Yxy color 79.4585, 0.3567, 0.3636.



This preview shows how white text looks on a background with the Yxy color 79.4585, 0.3567, 0.3636.

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

79.4585, 0.3567, 0.3636

Protanopia

79.5434, 0.3456, 0.3666

Deuteranopia

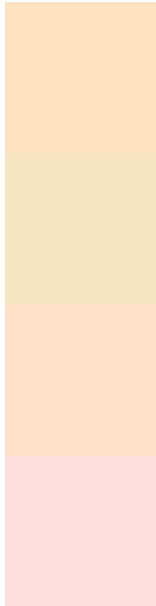
79.5667, 0.3472, 0.3483



Tritanopia

79.5587, 0.3268, 0.3152

Trichromacy



Original Color

79.4585, 0.3567, 0.3636

Protanomaly

79.6630, 0.3495, 0.3663

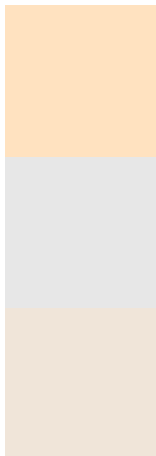
Deuteranomaly

79.3275, 0.3507, 0.3534

Tritanomaly

79.2027, 0.3377, 0.3321

Monochromacy



Original Color

79.4585, 0.3567, 0.3636

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.5736, 0.3282, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.4585, 0.3567, 0.3636 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, 226, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 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, 226, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 192) }
```

Border

The CSS property to change the border of an element to Yxy 79.4585, 0.3567, 0.3636 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, 226, 192) }
```

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

```
.border{ border-color:rgb(255, 226, 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, 226, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 79.4585, 0.3567, 0.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 192) }
```

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

```
.background{ background-color: rgb(255,  
226, 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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