

Converting Colors

$Y_{xy}(83.0252, 0.3814, 0.3573)$

Have a look what the booklet for
Yxy(83.0252, 0.3814, 0.3573)
contains.

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Color

Yxy(76.7345, 0.3586, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDBF
RGB	255, 221, 191
RGB Percent	100%, 87%, 75%
CMY	0.0001, 0.1333, 0.2508
CMYK	0.00, 0.13, 0.25, 0.00
HSL	28°, 100%, 87%
HSV	28°, 25%, 100%
XYZ	76.4998, 76.7345, 60.0948
YIQ	227.7460, 29.8940, -2.1220

Conversions

Conversions Part 2

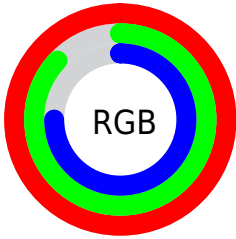
Format	Color
R _Y B	255, 247, 191
Decimal	16768447
CIE Lab	90.20, 7.34, 19.05
CIE LCh	90, 20.413, 68.920
Yxy	76.7345, 0.3586, 0.3597
Android (android.graphics.Color)	4294958527 (0xFFFFDDBF)
YUV	227.7460, -18.1158, 23.9018
Hunter-Lab	87.5982, 2.5878, 20.6442

Details

The Yxy color **76.7345, 0.3586, 0.3597** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72.1632, 0.2728, 0.2962**, and the grayscale version is **77.5094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **41.0843, 0.3702, 0.3670** is the 20% darker color. If you saturate the color by 10%, you get **68.8421, 0.3815, 0.3726**, and if you desaturate by 10%, it is **85.4068, 0.3384, 0.3470**.

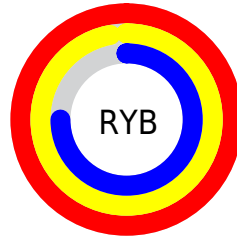
Distribution



Red (100%)

Green (87%)

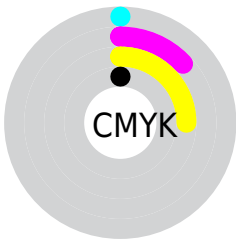
Blue (75%)



Red (100%)

Yellow (97%)

Blue (75%)

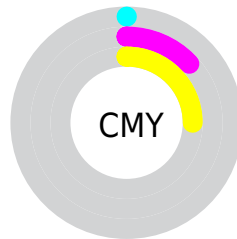


Cyan (0%)

Magenta (13%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (13%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.7345, 0.3586, 0.3597 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 76.7345, 0.3586, 0.3597 by changing the saturation by 10% instead.


 76.7345, 0.3586,
0.3597

 76.7345, 0.3586,
0.3597


483.8583, 0.3375,
0.3460

 57.0350, 0.3634,
0.3627


 128.7646, 0.3513,
0.3550

 41.0333, 0.3693,
0.3664


161.8641, 0.3484,
0.3532

 28.3451, 0.3767,
0.3709


200.1989, 0.3460,
0.3516

 18.5860, 0.3863,
0.3766

244.1536, 0.3438,
0.3502

 11.3715, 0.3992,
0.3840

294.1124, 0.3420,
0.3489

 6.3173, 0.4173,
0.3938

350.4599, 0.3403,

 3.0390, 0.4442,

0.3478

0.4071

413.5804, 0.3388,
0.3469

■ 1.1521, 0.5345,
0.4655

■ 0.0221, 0.9007,
0.0993

■ 76.7345, 0.3586,
0.3597

■ 76.7345, 0.3586,
0.3597

■ 68.8421, 0.3815,
0.3726

■ 85.4068, 0.3384,
0.3470

■ 61.6953, 0.4072,
0.3850

■ 94.8711, 0.3207,
0.3349

■ 55.2727, 0.4350,
0.3962

99.9970, 0.3127,
0.3290

■ 49.5474, 0.4642,
0.4048

■ 44.4904, 0.4933,
0.4096

■ 40.0695, 0.5202,
0.4094

■ 36.2484, 0.5431,
0.4035

■ 34.5678, 0.5530,
0.3991

Harmonies

Analogous

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



76.7345, 0.3595, 0.3415



76.7345, 0.3586, 0.3597



76.7345, 0.3450, 0.3706

Triad

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



76.7345, 0.3586, 0.3597



76.7345, 0.2789, 0.3360



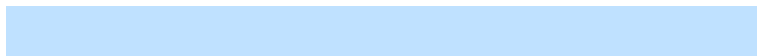
76.7345, 0.3010, 0.2915

Complementary

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



76.7345, 0.3586, 0.3597



72.1632, 0.2728, 0.2962

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.



76.7345, 0.2804, 0.2890



76.7345, 0.3586, 0.3597



76.7345, 0.2681, 0.3136

Square

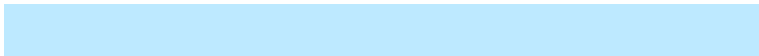
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.7345, 0.3586, 0.3597



76.7345, 0.2988, 0.3572



76.7345, 0.2686, 0.2967



76.7345, 0.3256, 0.3031

Rectangle

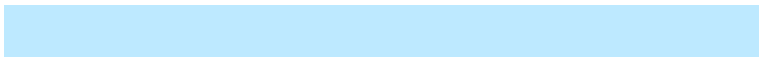
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.7345, 0.3586, 0.3597



76.7345, 0.3309, 0.3717



76.7345, 0.2686, 0.2967



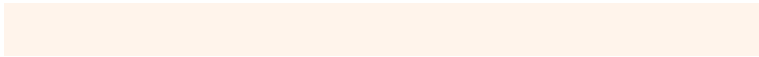
76.7345, 0.2935, 0.2896

Sweetspot

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



76.7380, 0.3586, 0.3597



92.0327, 0.3256, 0.3384



63.9828, 0.3382, 0.2945



19.3905, 0.3283, 0.3402



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.



76.7380, 0.3586, 0.3597



72.7647, 0.3696, 0.3661



95.1783, 0.3512, 0.3900



19.3905, 0.3283, 0.3402



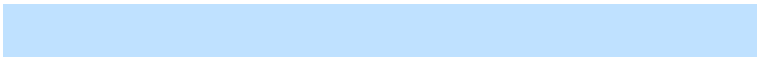
18.3578, 0.5503, 0.4013



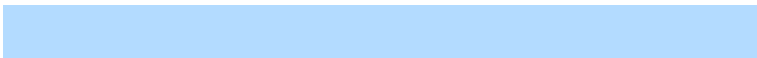
2.0038, 0.5315, 0.4162

Inverse Universe

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



72.1632, 0.2728, 0.2962



67.4859, 0.2648, 0.2887



56.5195, 0.2696, 0.2598



18.9760, 0.2979, 0.3176



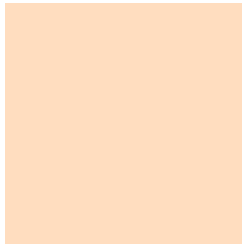
13.2021, 0.1800, 0.1680



1.5043, 0.1855, 0.1877

Previews

White Background



This preview shows how the Yxy color 76.7345, 0.3586, 0.3597 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 76.7345, 0.3586, 0.3597 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 76.7345, 0.3586, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 76.7345, 0.3586, 0.3597.



This preview shows how white text looks on a background with the Yxy color 76.7345, 0.3586, 0.3597.

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

76.7345, 0.3586, 0.3597

Protanopia

77.1839, 0.3433, 0.3639

Deuteranopia

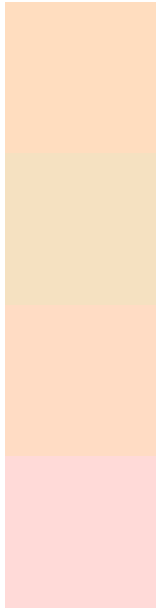
76.5699, 0.3531, 0.3505



Tritanopia

76.6552, 0.3308, 0.3151

Trichromacy



Original Color

76.7345, 0.3586, 0.3597

Protanomaly

77.1132, 0.3488, 0.3625

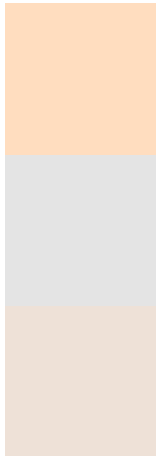
Deuteranomaly

76.4319, 0.3553, 0.3536

Tritanomaly

76.3607, 0.3413, 0.3311

Monochromacy



Original Color

76.7345, 0.3586, 0.3597

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.9339, 0.3286, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.7345, 0.3586, 0.3597 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, 221, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 191)  
}
```

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, 221, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 191) }
```

Border

The CSS property to change the border of an element to Yxy 76.7345, 0.3586, 0.3597 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, 221, 191) }
```

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

```
.border{ border-color:rgb(255, 221, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 221, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 221, 191); box-shadow:4px 4px 4px 4px rgb(255, 221, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7345, 0.3586, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 191) }
```

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

```
.background{ background-color: rgb(255,  
221, 191) }
```

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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