

Converting Colors

$Y_{xy}(112.9707, 0.4498, 0.3429)$

Have a look what the booklet for
Yxy(112.9707, 0.4498, 0.3429)
contains.

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Color

Yxy(76.0466, 0.3533, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBC7
RGB	255, 219, 199
RGB Percent	100%, 86%, 78%
CMY	0.0001, 0.1411, 0.2196
CMYK	0.00, 0.14, 0.22, 0.00
HSL	21°, 100%, 89%
HSV	21°, 22%, 100%
XYZ	76.8734, 76.0466, 64.6668
YIQ	227.4840, 27.8760, 1.4120

Conversions

Conversions Part 2

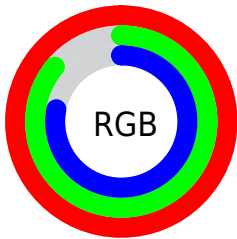
Format	Color
R _Y B	255, 230, 199
Decimal	16767943
CIE Lab	89.88, 9.47, 14.44
CIE LCh	90, 17.268, 56.742
Yxy	76.0466, 0.3533, 0.3495
Android (android.graphics.Color)	4294958023 (0xFFFFDBC7)
YUV	227.4840, -14.0426, 24.1315
Hunter-Lab	87.2047, 4.7446, 17.0767

Details

The Yxy color **76.0466, 0.3533, 0.3495** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.7609, 0.2784, 0.3076**, and the grayscale version is **77.2766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6010, 0.3633, 0.3540** is the 20% darker color. If you saturate the color by 10%, you get **66.8304, 0.3770, 0.3594**, and if you desaturate by 10%, it is **86.3095, 0.3330, 0.3398**.

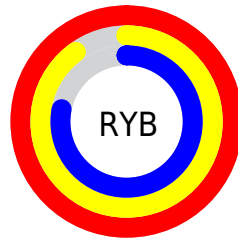
Distribution



Red (100%)

Green (86%)

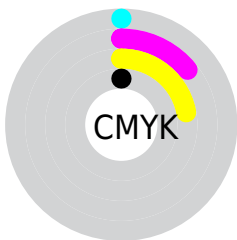
Blue (78%)



Red (100%)

Yellow (90%)

Blue (78%)

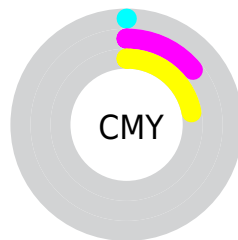


Cyan (0%)

Magenta (14%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0466, 0.3533, 0.3495 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 76.0466, 0.3533, 0.3495 by changing the saturation by 10% instead.


 76.0466, 0.3533,
0.3495

 76.0466, 0.3533,
0.3495

481.5072, 0.3345,
0.3404

 56.4707, 0.3576,
0.3515


127.7928, 0.3468,
0.3464

 40.5805, 0.3629,
0.3539


160.7319, 0.3443,
0.3452

 27.9914, 0.3695,
0.3569


198.8941, 0.3421,
0.3441

 18.3192, 0.3782,
0.3606

242.6640, 0.3402,
0.3432

 11.1794, 0.3900,
0.3655

292.4258, 0.3385,
0.3424

 6.1876, 0.4068,
0.3720

348.5641, 0.3370,

 2.9595, 0.4325,

0.3416

0.3807

411.4631, 0.3357,
0.3410

■ 1.1106, 0.5106,
0.4207

■ 0.0000, 1.0000,
0.0000

■ 76.0466, 0.3533,
0.3495

■ 76.0466, 0.3533,
0.3495

■ 66.8304, 0.3770,
0.3594

■ 86.3095, 0.3330,
0.3398

■ 58.6165, 0.4043,
0.3692

■ 97.6411, 0.3158,
0.3307

■ 51.3722, 0.4351,
0.3781

■ 99.9945, 0.3127,
0.3290

■ 45.0593, 0.4687,
0.3850

■ 39.6363, 0.5035,
0.3887

■ 35.0583, 0.5369,
0.3879

■ 31.2752, 0.5659,
0.3819

■ 28.7609, 0.5848,
0.3739

Harmonies

Analogous

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



76.0466, 0.3494, 0.3327



76.0466, 0.3533, 0.3495



76.0466, 0.3460, 0.3616

Triad

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



76.0466, 0.3533, 0.3495



76.0466, 0.2902, 0.3427



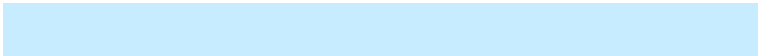
76.0466, 0.2951, 0.2951

Complementary

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



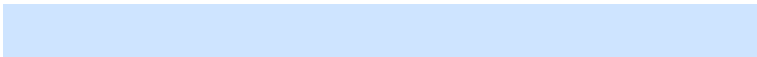
76.0466, 0.3533, 0.3495



78.7609, 0.2784, 0.3076

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.



76.0466, 0.2801, 0.2966



76.0466, 0.3533, 0.3495



76.0466, 0.2773, 0.3235

Square

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



76.0466, 0.3533, 0.3495



76.0466, 0.3092, 0.3583



76.0466, 0.2737, 0.3067



76.0466, 0.3152, 0.3020

Rectangle

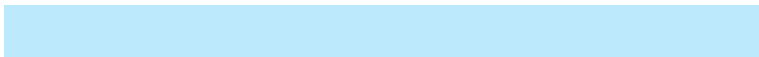
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0466, 0.3533, 0.3495



76.0466, 0.3358, 0.3651



76.0466, 0.2737, 0.3067



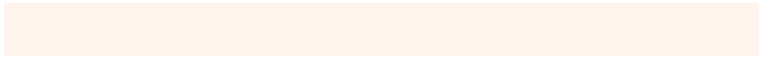
76.0466, 0.2893, 0.2946

Sweetspot

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



76.0501, 0.3533, 0.3495



91.8024, 0.3241, 0.3352



68.1281, 0.3295, 0.2926



19.5036, 0.3252, 0.3358



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.



76.0501, 0.3533, 0.3495



72.2080, 0.3625, 0.3535



91.6421, 0.3476, 0.3762



19.0496, 0.3285, 0.3376



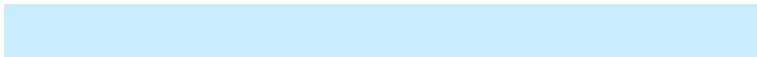
15.2872, 0.5818, 0.3763



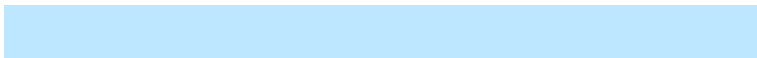
1.6860, 0.5601, 0.3934

Inverse Universe

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



78.7609, 0.2784, 0.3076



75.3207, 0.2721, 0.3031



64.1853, 0.2762, 0.2769



19.3249, 0.2980, 0.3203



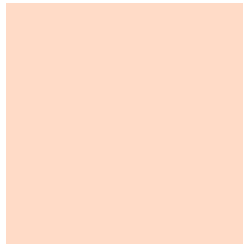
17.9104, 0.1909, 0.2072



1.9506, 0.1952, 0.2227

Previews

White Background



This preview shows how the Yxy color 76.0466, 0.3533, 0.3495 looks on a white background.

Color Contrast Check

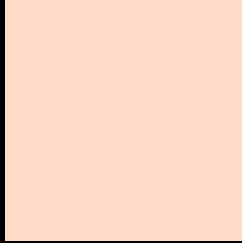
Large Text (above 18pt) WCAG AA × Fail

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 76.0466, 0.3533, 0.3495 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 76.0466, 0.3533, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 76.0466, 0.3533, 0.3495.

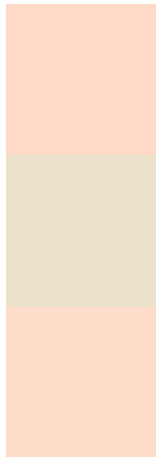


This preview shows how white text looks on a background with the Yxy color 76.0466, 0.3533, 0.3495.

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

76.0466, 0.3533, 0.3495

Protanopia

75.9476, 0.3359, 0.3535

Deuteranopia

76.1873, 0.3512, 0.3464



Tritanopia

76.0849, 0.3316, 0.3151

Trichromacy



Original Color

76.0466, 0.3533, 0.3495

Protanomaly

76.0471, 0.3421, 0.3521

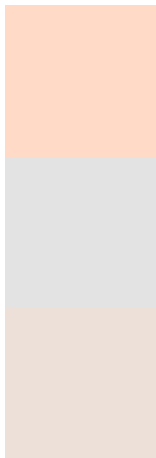
Deuteranomaly

76.1401, 0.3519, 0.3474

Tritanomaly

76.0002, 0.3393, 0.3271

Monochromacy



Original Color

76.0466, 0.3533, 0.3495

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.3256, 0.3266, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0466, 0.3533, 0.3495 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, 219, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 199)  
}
```

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, 219, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 199) }
```

Border

The CSS property to change the border of an element to Yxy 76.0466, 0.3533, 0.3495 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, 219, 199) }
```

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

```
.border{ border-color:rgb(255, 219, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 219, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 219, 199); box-shadow:4px 4px 4px 4px rgb(255, 219, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0466, 0.3533, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 199) }
```

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

```
.background{ background-color: rgb(255,  
219, 199) }
```

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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