

Converting Colors

$Y_{xy}(76.0090, 0.3483, 0.3478)$

Have a look what the booklet for
Yxy(76.0090, 0.3483, 0.3478)
contains.

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Color

Yxy(75.9599, 0.3480, 0.3476)

Conversions

Conversions Part 1

Format	Color
Hex	FBDBCA
RGB	251, 220, 202
RGB Percent	98%, 86%, 79%
CMY	0.0155, 0.1373, 0.2079
CMYK	0.00, 0.12, 0.20, 0.02
HSL	22°, 86%, 89%
HSV	22°, 20%, 98%
XYZ	76.0473, 75.9599, 66.5195
YIQ	227.2170, 24.2540, 0.9740

Conversions

Conversions Part 2

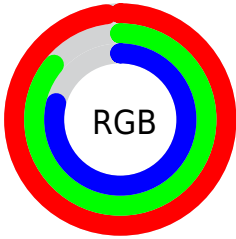
Format	Color
R _Y B	251, 230, 202
Decimal	16506058
CIE Lab	89.84, 7.97, 12.78
CIE LCh	90, 15.060, 58.055
Yxy	75.9599, 0.3480, 0.3476
Android (android.graphics.Color)	4294696138 (0xFFFBCCA)
YUV	227.2170, -12.4320, 20.8577
Hunter-Lab	87.1550, 3.2294, 15.7564

Details

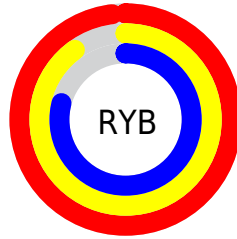
The Yxy color **75.9599, 0.3480, 0.3476** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.8195, 0.2822, 0.3096**, and the grayscale version is **77.0654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5177, 0.3562, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **66.9218, 0.3707, 0.3578**, and if you desaturate by 10%, it is **85.9910, 0.3286, 0.3378**.

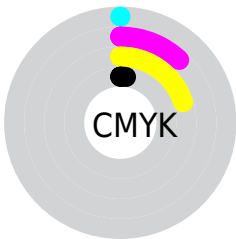
Distribution



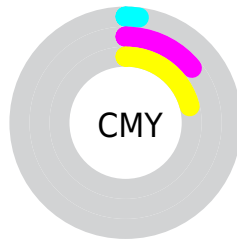
- Red (98%)
- Green (86%)
- Blue (79%)



- Red (98%)
- Yellow (90%)
- Blue (79%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (2%)





- Cyan (2%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.9599, 0.3480, 0.3476 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 75.9599, 0.3480, 0.3476 by changing the saturation by 10% instead.


 75.9599, 0.3480,
0.3476

 75.9599, 0.3480,
0.3476


481.2104, 0.3317,
0.3393

 56.3996, 0.3517,
0.3494

127.6702, 0.3423,
0.3448

 40.5234, 0.3563,
0.3517


160.5891, 0.3401,
0.3436

 27.9469, 0.3621,
0.3544


198.7295, 0.3382,
0.3427

 18.2856, 0.3697,
0.3579

242.4761, 0.3366,
0.3418

 11.1552, 0.3800,
0.3625

292.2130, 0.3351,
0.3411

 6.1714, 0.3947,
0.3688

348.3248, 0.3339,

 2.9496, 0.4173,

0.3404

0.3776

411.1958, 0.3327,
0.3398

■ 1.1055, 0.4804,
0.4108

■ 0.0000, 1.0000,
0.0000

■ 75.9599, 0.3480,
0.3476

■ 75.9599, 0.3480,
0.3476

■ 66.9218, 0.3707,
0.3578

■ 85.9910, 0.3286,
0.3378

■ 58.8351, 0.3969,
0.3679

■ 97.0347, 0.3120,
0.3286

■ 51.6701, 0.4266,
0.3773

■ 99.2573, 0.3103,
0.3290

■ 45.3917, 0.4592,
0.3850

■ 39.9621, 0.4934,
0.3898

■ 35.3404, 0.5269,
0.3904

■ 31.4811, 0.5569,
0.3859

■ 28.3275, 0.5810,
0.3765

■ 28.1982, 0.5820,
0.3761

Harmonies

Analogous

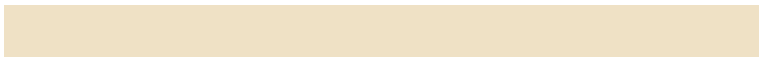
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9599, 0.3450, 0.3330



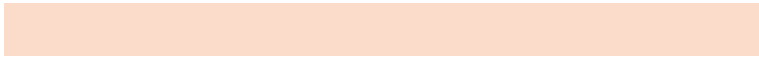
75.9599, 0.3480, 0.3476



75.9599, 0.3412, 0.3578

Triad

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



75.9599, 0.3480, 0.3476



75.9599, 0.2924, 0.3402



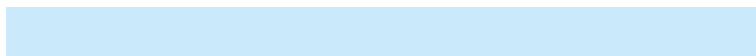
75.9599, 0.2980, 0.2994

Complementary

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



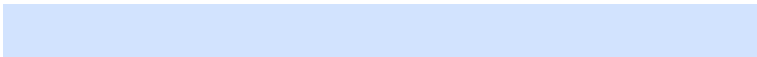
75.9599, 0.3480, 0.3476



77.8195, 0.2822, 0.3096

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.



75.9599, 0.2846, 0.3004



75.9599, 0.3480, 0.3476



75.9599, 0.2815, 0.3236

Square

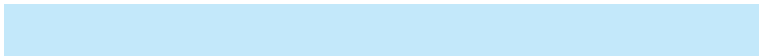
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9599, 0.3480, 0.3476



75.9599, 0.3089, 0.3540



75.9599, 0.2786, 0.3091



75.9599, 0.3157, 0.3058

Rectangle

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



75.9599, 0.3480, 0.3476



75.9599, 0.3323, 0.3605



75.9599, 0.2786, 0.3091



75.9599, 0.2929, 0.2989

Sweetspot

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



75.9633, 0.3480, 0.3476



93.0298, 0.3224, 0.3345



68.6371, 0.3279, 0.2976



19.7548, 0.3235, 0.3351



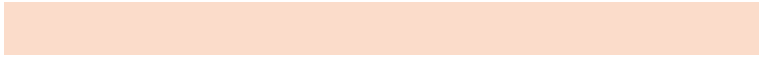
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



75.9633, 0.3480, 0.3476



75.3417, 0.3555, 0.3511



89.7849, 0.3434, 0.3717



18.2685, 0.3285, 0.3378



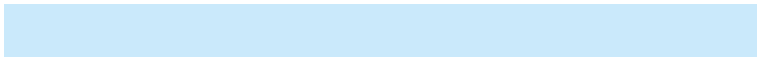
15.0698, 0.5790, 0.3784



1.5902, 0.5565, 0.3963

Inverse Universe

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



77.8195, 0.2822, 0.3096



77.5475, 0.2767, 0.3058



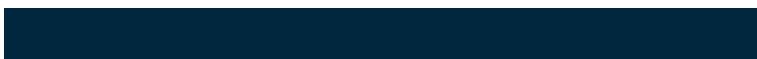
64.8902, 0.2805, 0.2824



18.4746, 0.2980, 0.3201



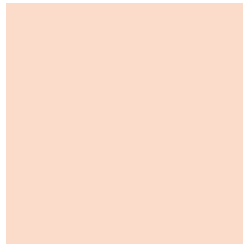
16.9578, 0.1900, 0.2039



1.7728, 0.1946, 0.2205

Previews

White Background



This preview shows how the Yxy color 75.9599, 0.3480, 0.3476 looks on a white background.

Color Contrast Check

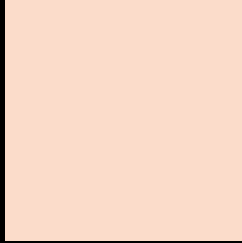
Large Text (above 18pt) WCAG AA × Fail

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 75.9599, 0.3480, 0.3476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

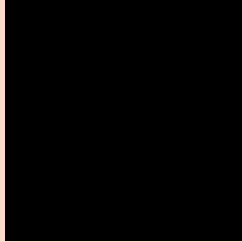
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.9599, 0.3480, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 75.9599, 0.3480, 0.3476.



This preview shows how white text looks on a background with the Yxy color 75.9599, 0.3480, 0.3476.

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

75.9599, 0.3480, 0.3476

Protanopia

75.9204, 0.3332, 0.3503

Deuteranopia

75.7624, 0.3499, 0.3434



Tritanopia

76.1979, 0.3302, 0.3131

Trichromacy



Original Color

75.9599, 0.3480, 0.3476

Protanomaly

75.8358, 0.3386, 0.3490

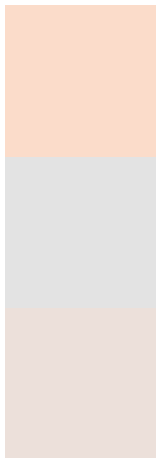
Deuteranomaly

76.0457, 0.3497, 0.3454

Tritanomaly

75.9170, 0.3371, 0.3250

Monochromacy



Original Color

75.9599, 0.3480, 0.3476

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.2061, 0.3252, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9599, 0.3480, 0.3476 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(251, 220, 202)` looks like.

```
.text, #text, p{  
    color:rgb(251, 220, 202)  
}
```

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(251, 220, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 220, 202) }
```

Border

The CSS property to change the border of an element to Yxy 75.9599, 0.3480, 0.3476 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(251, 220, 202) }
```

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

```
.border{ border-color:rgb(251, 220, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 220, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 220, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 220, 202);  
box-shadow:4px 4px 4px 4px rgb(251, 220,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9599, 0.3480, 0.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 220, 202) }
```

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

```
.background{ background-color: rgb(251,  
220, 202) }
```

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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