

Converting Colors

$Y_{xy}(74.5596, 0.3509, 0.3541)$

Have a look what the booklet for
Yxy(74.5596, 0.3509, 0.3541)
contains.

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Color

Yxy(74.5596, 0.3509, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	F8DBC3
RGB	248, 219, 195
RGB Percent	97%, 86%, 76%
CMY	0.0275, 0.1411, 0.2354
CMYK	0.00, 0.12, 0.21, 0.03
HSL	27°, 79%, 87%
HSV	27°, 21%, 97%
XYZ	73.8858, 74.5596, 62.1155
YIQ	224.9350, 24.9880, -1.3160

Conversions

Conversions Part 2

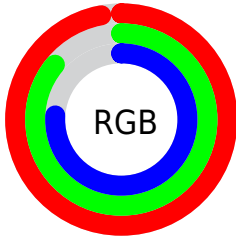
Format	Color
R _Y B	248, 239, 195
Decimal	16309187
CIE Lab	89.19, 6.35, 15.48
CIE LCh	89, 16.734, 67.702
Yxy	74.5596, 0.3509, 0.3541
Android (android.graphics.Color)	4294499267 (0xFFF8DBC3)
YUV	224.9350, -14.7580, 20.2280
Hunter-Lab	86.3479, 1.6293, 17.7925

Details

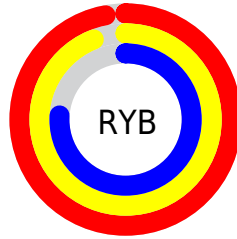
The Yxy color **74.5596, 0.3509, 0.3541** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6580, 0.2790, 0.3025**, and the grayscale version is **75.3402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **39.5504, 0.3602, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **66.7463, 0.3730, 0.3666**, and if you desaturate by 10%, it is **83.1417, 0.3316, 0.3420**.

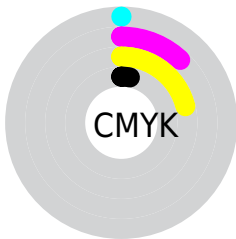
Distribution



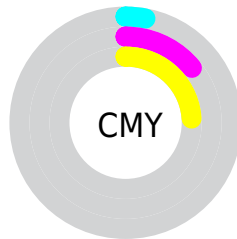
- Red (97%)
- Green (86%)
- Blue (76%)



- Red (97%)
- Yellow (94%)
- Blue (76%)



- Cyan (0%)
- Magenta (12%)
- Yellow (21%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.5596, 0.3509, 0.3541 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 74.5596, 0.3509, 0.3541 by changing the saturation by 10% instead.

 74.5596, 0.3509,
0.3541

 74.5596, 0.3509,
0.3541

476.4025, 0.3332,
0.3428

 55.2522, 0.3549,
0.3566

125.6888, 0.3448,
0.3502

 39.6037, 0.3599,
0.3597


158.2793, 0.3424,
0.3487

 27.2297, 0.3662,
0.3635


196.0663, 0.3403,
0.3474

 17.7458, 0.3744,
0.3684

239.4342, 0.3385,
0.3462

 10.7676, 0.3856,
0.3748

288.7674, 0.3370,
0.3452

 5.9108, 0.4015,
0.3836

344.4502, 0.3356,

 2.7909, 0.4257,

0.3443

0.3961

406.8671, 0.3343,
0.3435

■ 1.0236, 0.5239,
0.4648

■ 0.0000, 1.0000,
0.0000

■ 74.5596, 0.3509,
0.3541

■ 74.5596, 0.3509,
0.3541

■ 66.7463, 0.3730,
0.3666

■ 83.1417, 0.3316,
0.3420

■ 59.6688, 0.3979,
0.3788

■ 92.5042, 0.3148,
0.3305

■ 53.3064, 0.4255,
0.3902

■ 98.6926, 0.3084,
0.3290

■ 47.6333, 0.4549,
0.3996

■ 42.6221, 0.4849,
0.4056

■ 38.2425, 0.5136,
0.4071

■ 34.4606, 0.5389,
0.4031

■ 31.6414, 0.5572,
0.3958

Harmonies

Analogous

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



74.5596, 0.3511, 0.3389



74.5596, 0.3509, 0.3541



74.5596, 0.3401, 0.3632

Triad

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



74.5596, 0.3509, 0.3541



74.5596, 0.2852, 0.3356



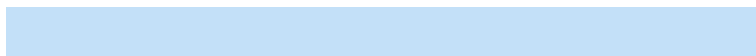
74.5596, 0.3023, 0.2975

Complementary

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



74.5596, 0.3509, 0.3541



71.6580, 0.2790, 0.3025

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.



74.5596, 0.2854, 0.2958



74.5596, 0.3509, 0.3541



74.5596, 0.2758, 0.3171

Square

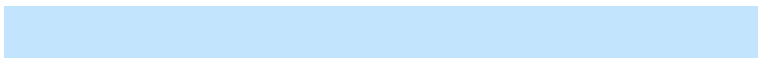
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5596, 0.3509, 0.3541



74.5596, 0.3021, 0.3528



74.5596, 0.2758, 0.3027



74.5596, 0.3226, 0.3069

Rectangle

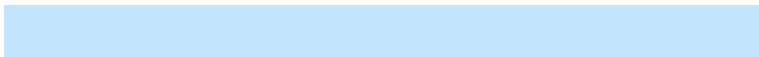
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.5596, 0.3509, 0.3541



74.5596, 0.3287, 0.3642



74.5596, 0.2758, 0.3027



74.5596, 0.2961, 0.2960

Sweetspot

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



74.5630, 0.3509, 0.3541



93.8339, 0.3223, 0.3357



64.3638, 0.3329, 0.2989



19.9446, 0.3234, 0.3365



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.



74.5630, 0.3509, 0.3541



75.4620, 0.3609, 0.3599



89.3961, 0.3456, 0.3799



18.5217, 0.3283, 0.3398



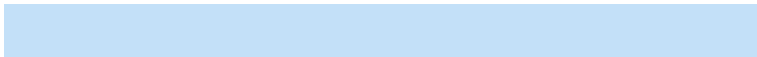
17.3679, 0.5545, 0.3979



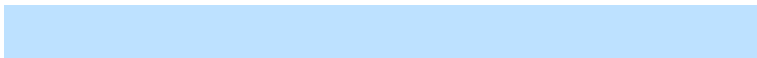
1.8173, 0.5344, 0.4139

Inverse Universe

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



71.6580, 0.2790, 0.3025



71.8153, 0.2714, 0.2959



58.5959, 0.2768, 0.2724



18.2154, 0.2980, 0.3180



13.3871, 0.1815, 0.1734



1.4518, 0.1871, 0.1934

Previews

White Background



This preview shows how the Yxy color 74.5596, 0.3509, 0.3541 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 74.5596, 0.3509, 0.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

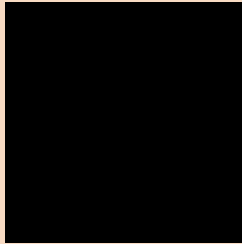
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.5596, 0.3509, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 74.5596, 0.3509, 0.3541.



This preview shows how white text looks on a background with the Yxy color 74.5596, 0.3509, 0.3541.

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

74.5596, 0.3509, 0.3541

Protanopia

74.8350, 0.3380, 0.3580

Deuteranopia

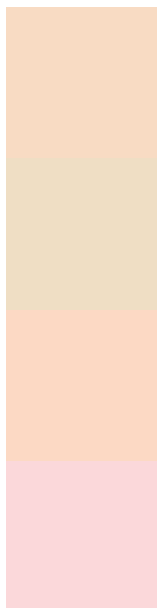
74.4030, 0.3554, 0.3486



Tritanopia

74.5581, 0.3289, 0.3119

Trichromacy



Original Color

74.5596, 0.3509, 0.3541

Protanomaly

74.5788, 0.3428, 0.3567

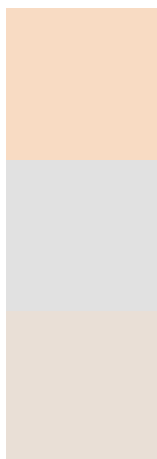
Deuteranomaly

74.3067, 0.3537, 0.3508

Tritanomaly

74.6829, 0.3372, 0.3270

Monochromacy



Original Color

74.5596, 0.3509, 0.3541

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.9540, 0.3258, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5596, 0.3509, 0.3541 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(248, 219, 195)` looks like.

```
.text, #text, p{  
    color:rgb(248, 219, 195)  
}
```

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(248, 219, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 219, 195) }
```

Border

The CSS property to change the border of an element to Yxy 74.5596, 0.3509, 0.3541 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(248, 219, 195) }
```

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

```
.border{ border-color:rgb(248, 219, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 219, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 219, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 219, 195);  
box-shadow:4px 4px 4px 4px rgb(248, 219,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5596, 0.3509, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 219, 195) }
```

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

```
.background{ background-color: rgb(248,  
219, 195) }
```

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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