

Converting Colors

$Y_{xy}(73.3792, 0.3531, 0.3509)$

Have a look what the booklet for
Yxy(73.3792, 0.3531, 0.3509)
contains.

Yxy(73.3759, 0.3531, 0.3509)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.3759, 0.3531, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	FAD8C3
RGB	250, 216, 195
RGB Percent	98%, 85%, 76%
CMY	0.0195, 0.1529, 0.2353
CMYK	0.00, 0.14, 0.22, 0.02
HSL	23°, 85%, 87%
HSV	23°, 22%, 98%
XYZ	73.8359, 73.3759, 61.8959
YIQ	223.7720, 27.0050, 0.6770

Conversions

Conversions Part 2

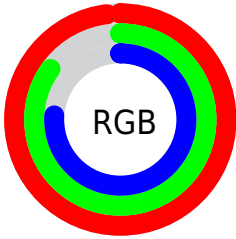
Format	Color
R _Y B	250, 229, 195
Decimal	16439491
CIE Lab	88.63, 8.66, 14.71
CIE LCh	89, 17.072, 59.525
Yxy	73.3759, 0.3531, 0.3509
Android (android.graphics.Color)	4294629571 (0xFFFAD8C3)
YUV	223.7720, -14.1846, 23.0020
Hunter-Lab	85.6597, 3.9567, 17.1201

Details

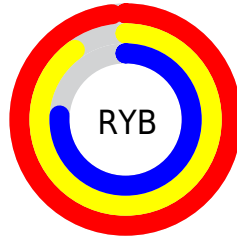
The Yxy color **73.3759, 0.3531, 0.3509** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.5533, 0.2782, 0.3060**, and the grayscale version is **74.4619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **38.7503, 0.3632, 0.3559** is the 20% darker color. If you saturate the color by 10%, you get **64.7894, 0.3764, 0.3615**, and if you desaturate by 10%, it is **82.9036, 0.3330, 0.3406**.

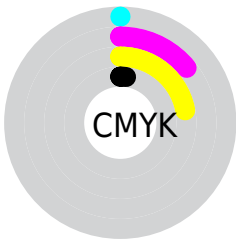
Distribution



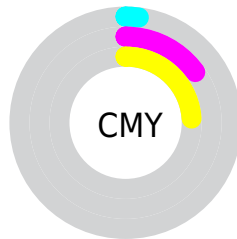
- Red (98%)
- Green (85%)
- Blue (76%)



- Red (98%)
- Yellow (90%)
- Blue (76%)



- Cyan (0%)
- Magenta (14%)
- Yellow (22%)
- Black (2%)





- Cyan (2%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3759, 0.3531, 0.3509 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 73.3759, 0.3531, 0.3509 by changing the saturation by 10% instead.

 73.3759, 0.3531,
0.3509

 73.3759, 0.3531,
0.3509


472.3166, 0.3343,
0.3411

 54.2834, 0.3574,
0.3531

124.0107, 0.3466,
0.3475

 38.8283, 0.3627,
0.3557


156.3218, 0.3440,
0.3462

 26.6262, 0.3695,
0.3590


193.8078, 0.3418,
0.3451

 17.2927, 0.3783,
0.3631

236.8533, 0.3399,
0.3441

 10.4434, 0.3904,
0.3686

285.8425, 0.3383,
0.3432

 5.6939, 0.4077,
0.3758

341.1598, 0.3368,

 2.6599, 0.4344,

0.3424

0.3859

403.1897, 0.3355,
0.3417

0.9569, 0.5431,
0.4516

0.0000, 1.0000,
0.0000

73.3759, 0.3531,
0.3509

73.3759, 0.3531,
0.3509

64.7894, 0.3764,
0.3615

82.9036, 0.3330,
0.3406

57.1042, 0.4032,
0.3719

93.3910, 0.3158,
0.3309

50.2922, 0.4332,
0.3813

99.0684, 0.3096,
0.3290

44.3196, 0.4657,
0.3888

■ 39.1502, 0.4992,
0.3931

■ 34.7448, 0.5315,
0.3927

■ 31.0592, 0.5595,
0.3870

■ 28.5917, 0.5779,
0.3793

Harmonies

Analogous

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



73.3759, 0.3502, 0.3343



73.3759, 0.3531, 0.3509



73.3759, 0.3448, 0.3624

Triad

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



73.3759, 0.3531, 0.3509



73.3759, 0.2887, 0.3410



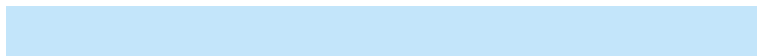
73.3759, 0.2968, 0.2954

Complementary

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



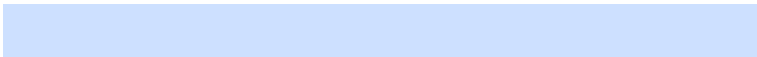
73.3759, 0.3531, 0.3509



74.5533, 0.2782, 0.3060

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.



73.3759, 0.2811, 0.2961



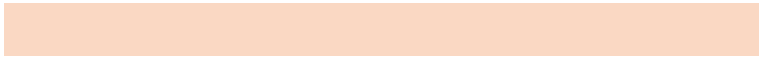
73.3759, 0.3531, 0.3509



73.3759, 0.2766, 0.3218

Square

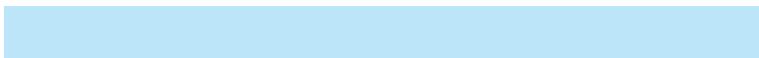
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3759, 0.3531, 0.3509



73.3759, 0.3073, 0.3572



73.3759, 0.2739, 0.3054



73.3759, 0.3172, 0.3030

Rectangle

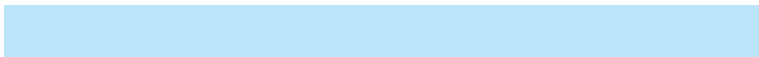
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3759, 0.3531, 0.3509



73.3759, 0.3342, 0.3653



73.3759, 0.2739, 0.3054



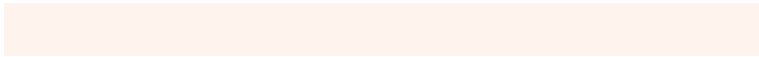
73.3759, 0.2908, 0.2946

Sweetspot

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



73.3792, 0.3531, 0.3509



92.0626, 0.3241, 0.3357



65.0599, 0.3302, 0.2934



19.5637, 0.3251, 0.3363



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.



73.3792, 0.3531, 0.3509



73.0179, 0.3621, 0.3551



88.1818, 0.3475, 0.3772



18.3112, 0.3284, 0.3381



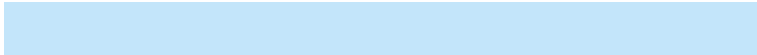
15.4189, 0.5750, 0.3816



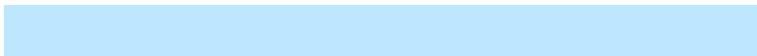
1.6257, 0.5528, 0.3993

Inverse Universe

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



74.5533, 0.2782, 0.3060



74.4232, 0.2719, 0.3013



60.9010, 0.2760, 0.2757



18.4305, 0.2980, 0.3197



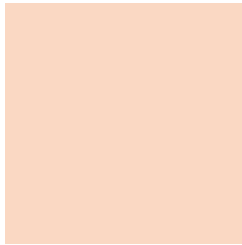
16.3073, 0.1885, 0.1987



1.7151, 0.1933, 0.2159

Previews

White Background



This preview shows how the Yxy color 73.3759, 0.3531, 0.3509 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 73.3759, 0.3531, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

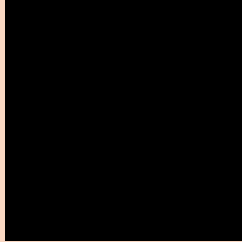
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3759, 0.3531, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 73.3759, 0.3531, 0.3509.



This preview shows how white text looks on a background with the Yxy color 73.3759, 0.3531, 0.3509.

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

73.3759, 0.3531, 0.3509

Protanopia

73.4756, 0.3362, 0.3549

Deuteranopia

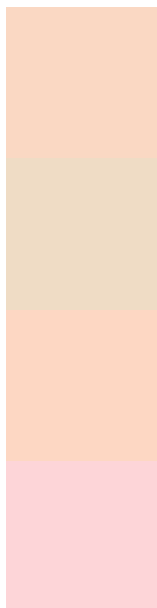
73.1041, 0.3566, 0.3487



Tritanopia

73.2608, 0.3329, 0.3119

Trichromacy



Original Color

73.3759, 0.3531, 0.3509

Protanomaly

73.5683, 0.3425, 0.3535

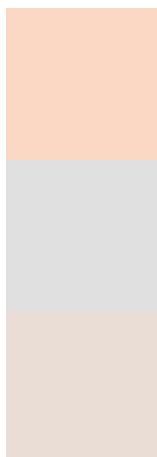
Deuteranomaly

73.4237, 0.3556, 0.3497

Tritanomaly

73.4290, 0.3405, 0.3260

Monochromacy



Original Color

73.3759, 0.3531, 0.3509

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.8406, 0.3267, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3759, 0.3531, 0.3509 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(250, 216, 195)` looks like.

```
.text, #text, p{  
    color:rgb(250, 216, 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(250, 216, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 216, 195) }
```

Border

The CSS property to change the border of an element to Yxy 73.3759, 0.3531, 0.3509 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(250, 216, 195) }
```

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

```
.border{ border-color:rgb(250, 216, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 216, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 216, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 216, 195);  
box-shadow:4px 4px 4px 4px rgb(250, 216,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3759, 0.3531, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 216, 195) }
```

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

```
.background{ background-color: rgb(250,  
216, 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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