

Converting Colors

$Y_{xy}(74.1779, 0.3563, 0.3493)$

Have a look what the booklet for
Yxy(74.1779, 0.3563, 0.3493)
contains.

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Color

Yxy(74.3573, 0.3562, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8C4
RGB	255, 216, 196
RGB Percent	100%, 85%, 77%
CMY	0.0000, 0.1529, 0.2314
CMYK	0.00, 0.15, 0.23, 0.00
HSL	20°, 100%, 88%
HSV	20°, 23%, 100%
XYZ	75.7611, 74.3573, 62.5741
YIQ	225.3810, 29.6640, 2.0480

Conversions

Conversions Part 2

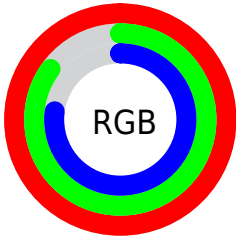
Format	Color
R _Y B	255, 226, 196
Decimal	16767172
CIE Lab	89.09, 10.62, 14.91
CIE LCh	89, 18.304, 54.549
Yxy	74.3573, 0.3562, 0.3496
Android (android.graphics.Color)	4294957252 (0xFFFFD8C4)
YUV	225.3810, -14.4848, 25.9759
Hunter-Lab	86.2307, 5.9239, 17.3371

Details

The Yxy color **74.3573, 0.3562, 0.3496** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.3598, 0.2766, 0.3074**, and the grayscale version is **75.6733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **39.4485, 0.3672, 0.3541** is the 20% darker color. If you saturate the color by 10%, you get **65.0984, 0.3806, 0.3591**, and if you desaturate by 10%, it is **84.7015, 0.3354, 0.3404**.

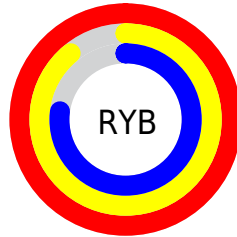
Distribution



Red (100%)

Green (85%)

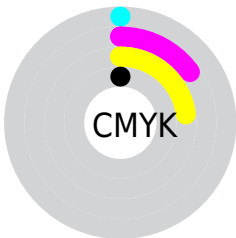
Blue (77%)



Red (100%)

Yellow (89%)

Blue (77%)

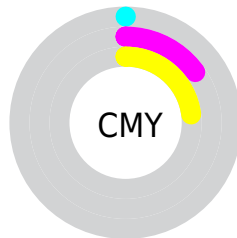


Cyan (0%)

Magenta (15%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3573, 0.3562, 0.3496 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 74.3573, 0.3562, 0.3496 by changing the saturation by 10% instead.


 74.3573, 0.3562,
0.3496

 74.3573, 0.3562,
0.3496

475.7056, 0.3360,
0.3405

 55.0865, 0.3608,
0.3516

125.4022, 0.3492,
0.3465

 39.4710, 0.3665,
0.3540


157.9451, 0.3465,
0.3453

 27.1263, 0.3738,
0.3570


195.6808, 0.3441,
0.3442

 17.6681, 0.3832,
0.3607

238.9937, 0.3421,
0.3433

 10.7120, 0.3961,
0.3655

288.2683, 0.3403,
0.3424

 5.8735, 0.4145,
0.3718

343.8889, 0.3387,

 2.7683, 0.4428,

0.3417

0.3801

406.2398, 0.3373,
0.3410

■ 1.0120, 0.5446,
0.4326

■ 0.0000, 1.0000,
0.0000

■ 74.3573, 0.3562,
0.3496

■ 74.3573, 0.3562,
0.3496

■ 65.0984, 0.3806,
0.3591

■ 84.7015, 0.3354,
0.3404

■ 56.8844, 0.4088,
0.3683

■ 96.1619, 0.3177,
0.3316

■ 49.6779, 0.4406,
0.3765

100.0000, 0.3127,
0.3290

■ 43.4376, 0.4752,
0.3827

■ 38.1191, 0.5109,
0.3855

■ 33.6738, 0.5448,
0.3838

■ 30.0474, 0.5736,
0.3770

■ 27.9957, 0.5896,
0.3700

Harmonies

Analogous

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



74.3573, 0.3511, 0.3315



74.3573, 0.3562, 0.3496



74.3573, 0.3491, 0.3631

Triad

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



74.3573, 0.3562, 0.3496



74.3573, 0.2900, 0.3451



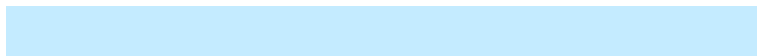
74.3573, 0.2924, 0.2927

Complementary

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



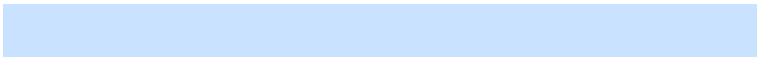
74.3573, 0.3562, 0.3496



78.3598, 0.2766, 0.3074

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.



74.3573, 0.2771, 0.2949



74.3573, 0.3562, 0.3496



74.3573, 0.2757, 0.3245

Square

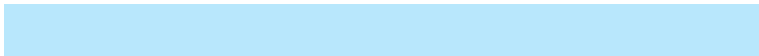
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3573, 0.3562, 0.3496



74.3573, 0.3106, 0.3613



74.3573, 0.2711, 0.3062



74.3573, 0.3137, 0.2995

Rectangle

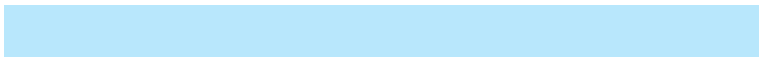
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3573, 0.3562, 0.3496



74.3573, 0.3387, 0.3675



74.3573, 0.2711, 0.3062



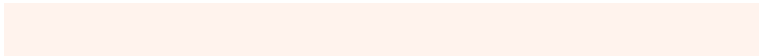
74.3573, 0.2864, 0.2924

Sweetspot

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



74.3586, 0.3562, 0.3496



91.6071, 0.3242, 0.3349



66.7504, 0.3298, 0.2896



19.4584, 0.3252, 0.3355



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.



74.3586, 0.3562, 0.3496



69.7279, 0.3676, 0.3542



90.6491, 0.3498, 0.3780



18.9941, 0.3286, 0.3371



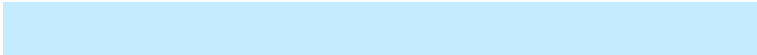
14.8750, 0.5866, 0.3724



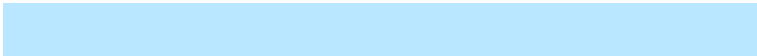
1.6412, 0.5647, 0.3898

Inverse Universe

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



78.3598, 0.2766, 0.3074



74.3898, 0.2691, 0.3023



63.0103, 0.2740, 0.2748



19.3827, 0.2980, 0.3207



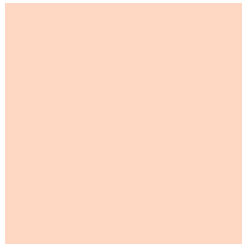
18.7905, 0.1927, 0.2138



2.0321, 0.1968, 0.2284

Previews

White Background



This preview shows how the Yxy color 74.3573, 0.3562, 0.3496 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 74.3573, 0.3562, 0.3496 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 74.3573, 0.3562, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 74.3573, 0.3562, 0.3496.



This preview shows how white text looks on a background with the Yxy color 74.3573, 0.3562, 0.3496.

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

74.3573, 0.3562, 0.3496

Protanopia

74.4379, 0.3361, 0.3537

Deuteranopia

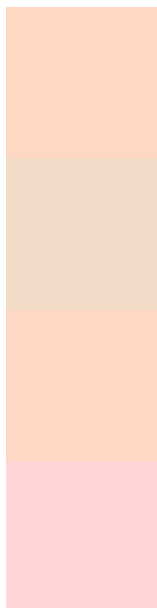
74.4030, 0.3554, 0.3486



Tritanopia

74.3946, 0.3341, 0.3150

Trichromacy



Original Color

74.3573, 0.3562, 0.3496

Protanomaly

74.1872, 0.3433, 0.3512

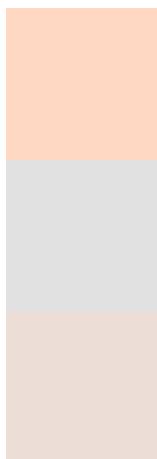
Deuteranomaly

74.4030, 0.3554, 0.3486

Tritanomaly

74.3110, 0.3419, 0.3271

Monochromacy



Original Color

74.3573, 0.3562, 0.3496

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.9305, 0.3281, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3573, 0.3562, 0.3496 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, 216, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 196)  
}
```

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, 216, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 196) }
```

Border

The CSS property to change the border of an element to Yxy 74.3573, 0.3562, 0.3496 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, 216, 196) }
```

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

```
.border{ border-color:rgb(255, 216, 196) }
```

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

Here you see how a box with a 4 pixel rgb(255, 216, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3573, 0.3562, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 196) }
```

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

```
.background{ background-color: rgb(255,  
216, 196) }
```

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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