

Converting Colors

$Yxy(88.9425, 0.4066, 0.3435)$

Have a look what the booklet for
Yxy(88.9425, 0.4066, 0.3435)
contains.

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Color

Yxy(73.3844, 0.3559, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6C5
RGB	255, 214, 197
RGB Percent	100%, 84%, 77%
CMY	0.0000, 0.1608, 0.2274
CMYK	0.00, 0.16, 0.23, 0.00
HSL	18°, 100%, 89%
HSV	18°, 23%, 100%
XYZ	75.3752, 73.3844, 63.0280
YIQ	224.3210, 29.8930, 3.4050

Conversions

Conversions Part 2

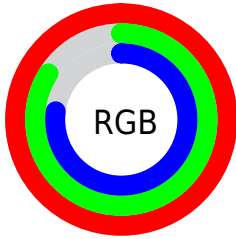
Format	Color
R _Y B	255, 221, 197
Decimal	16766661
CIE Lab	88.63, 11.81, 13.72
CIE LCh	89, 18.102, 49.264
Yxy	73.3844, 0.3559, 0.3465
Android (android.graphics.Color)	4294956741 (0xFFFFD6C5)
YUV	224.3210, -13.4693, 26.9055
Hunter-Lab	85.6647, 7.1465, 16.3425

Details

The Yxy color **73.3844, 0.3559, 0.3465** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.2601, 0.2775, 0.3108**, and the grayscale version is **74.8626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **38.7852, 0.3670, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **63.6804, 0.3808, 0.3547**, and if you desaturate by 10%, it is **84.2915, 0.3348, 0.3385**.

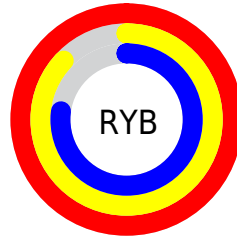
Distribution



Red (100%)

Green (84%)

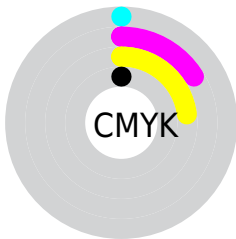
Blue (77%)



Red (100%)

Yellow (87%)

Blue (77%)

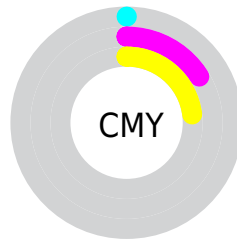


Cyan (0%)

Magenta (16%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3844, 0.3559, 0.3465 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 73.3844, 0.3559, 0.3465 by changing the saturation by 10% instead.

 73.3844, 0.3559,
0.3465

 73.3844, 0.3559,
0.3465


472.3460, 0.3358,
0.3388

 54.2903, 0.3605,
0.3482


124.0228, 0.3489,
0.3439

 38.8338, 0.3662,
0.3502

156.3359, 0.3462,
0.3429

 26.6305, 0.3735,
0.3527


193.8241, 0.3438,
0.3420

 17.2959, 0.3830,
0.3558

236.8718, 0.3418,
0.3412

 10.4457, 0.3960,
0.3597

285.8635, 0.3400,
0.3405

 5.6954, 0.4147,
0.3649

341.1835, 0.3384,

 2.6608, 0.4437,

0.3398

0.3715

403.2162, 0.3370,
0.3393

0.9573, 0.5459,
0.4185

0.0000, 1.0000,
0.0000

73.3844, 0.3559,
0.3465

73.3844, 0.3559,
0.3465

63.6804, 0.3808,
0.3547

84.2915, 0.3348,
0.3385

55.1451, 0.4100,
0.3627

96.4504, 0.3170,
0.3310

47.7302, 0.4432,
0.3698

100.0000, 0.3127,
0.3290

41.3874, 0.4798,
0.3750

■ 36.0643, 0.5177,
0.3771

■ 31.7038, 0.5537,
0.3749

■ 28.2421, 0.5840,
0.3680

■ 26.2432, 0.6012,
0.3608

Harmonies

Analogous

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



73.3844, 0.3488, 0.3282



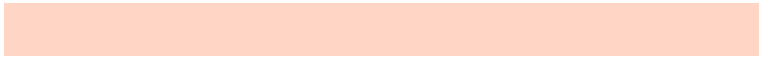
73.3844, 0.3559, 0.3465



73.3844, 0.3510, 0.3611

Triad

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



73.3844, 0.3559, 0.3465



73.3844, 0.2934, 0.3483



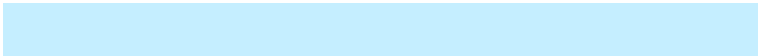
73.3844, 0.2893, 0.2926

Complementary

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



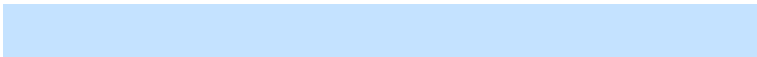
73.3844, 0.3559, 0.3465



80.2601, 0.2775, 0.3108

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.



73.3844, 0.2755, 0.2965



73.3844, 0.3559, 0.3465



73.3844, 0.2778, 0.3282

Square

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



73.3844, 0.3559, 0.3465



73.3844, 0.3145, 0.3630



73.3844, 0.2714, 0.3092



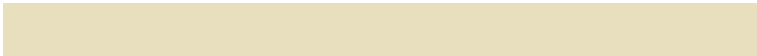
73.3844, 0.3098, 0.2979

Rectangle

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



73.3844, 0.3559, 0.3465



73.3844, 0.3416, 0.3665



73.3844, 0.2714, 0.3092



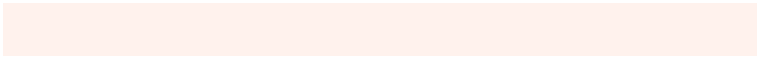
73.3844, 0.2838, 0.2929

Sweetspot

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



73.3817, 0.3559, 0.3465



91.1107, 0.3242, 0.3341



67.4097, 0.3273, 0.2875



19.3437, 0.3253, 0.3346



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.



73.3817, 0.3559, 0.3465



69.0998, 0.3660, 0.3500



89.0578, 0.3497, 0.3743



18.8532, 0.3287, 0.3360



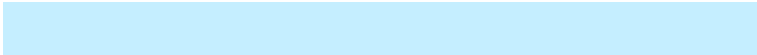
13.9351, 0.5983, 0.3631



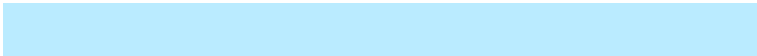
1.5359, 0.5763, 0.3806

Inverse Universe

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



80.2601, 0.2775, 0.3108



77.0074, 0.2710, 0.3069



64.9817, 0.2750, 0.2792



19.5305, 0.2980, 0.3219



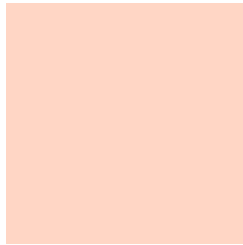
21.1765, 0.1974, 0.2305



2.2510, 0.2009, 0.2431

Previews

White Background



This preview shows how the Yxy color 73.3844, 0.3559, 0.3465 looks on a white background.

Color Contrast Check

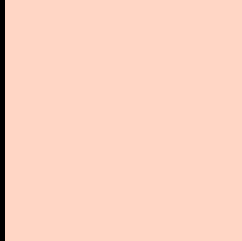
Large Text (above 18pt) WCAG AA × Fail

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 73.3844, 0.3559, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

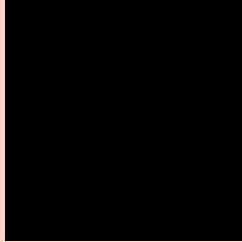
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3844, 0.3559, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 73.3844, 0.3559, 0.3465.



This preview shows how white text looks on a background with the Yxy color 73.3844, 0.3559, 0.3465.

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

73.3844, 0.3559, 0.3465

Protanopia

73.6154, 0.3341, 0.3517

Deuteranopia

73.7029, 0.3549, 0.3476



Tritanopia

73.3395, 0.3350, 0.3140

Trichromacy



Original Color

73.3844, 0.3559, 0.3465

Protanomaly

73.3584, 0.3413, 0.3492

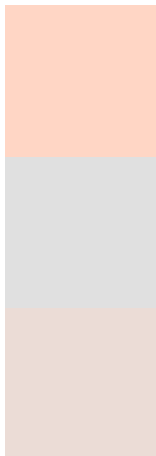
Deuteranomaly

73.7029, 0.3549, 0.3476

Tritanomaly

73.2533, 0.3429, 0.3260

Monochromacy



Original Color

73.3844, 0.3559, 0.3465

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.7036, 0.3276, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3844, 0.3559, 0.3465 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, 214, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 197)  
}
```

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, 214, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 197) }
```

Border

The CSS property to change the border of an element to Yxy 73.3844, 0.3559, 0.3465 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, 214, 197) }
```

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

```
.border{ border-color:rgb(255, 214, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3844, 0.3559, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 197) }
```

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

```
.background{ background-color: rgb(255,  
214, 197) }
```

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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