

Converting Colors

$Yxy(86.3133, 0.4017, 0.3426)$

Have a look what the booklet for
Yxy(86.3133, 0.4017, 0.3426)
contains.

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Color

Yxy(72.8797, 0.3561, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5C5
RGB	255, 213, 197
RGB Percent	100%, 84%, 77%
CMY	0.0000, 0.1647, 0.2274
CMYK	0.00, 0.16, 0.23, 0.00
HSL	17°, 100%, 89%
HSV	17°, 23%, 100%
XYZ	75.1157, 72.8797, 62.9444
YIQ	223.7340, 30.1680, 3.9280

Conversions

Conversions Part 2

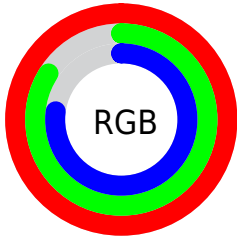
Format	Color
R _Y B	255, 219, 197
Decimal	16766405
CIE Lab	88.39, 12.32, 13.38
CIE LCh	88, 18.183, 47.359
Yxy	72.8797, 0.3561, 0.3455
Android (android.graphics.Color)	4294956485 (0xFFFFD5C5)
YUV	223.7340, -13.1799, 27.4203
Hunter-Lab	85.3696, 7.6631, 16.0432

Details

The Yxy color **72.8797, 0.3561, 0.3455** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.8386, 0.2776, 0.3119**, and the grayscale version is **74.4232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **38.4427, 0.3673, 0.3489** is the 20% darker color. If you saturate the color by 10%, you get **63.0404, 0.3813, 0.3532**, and if you desaturate by 10%, it is **83.9797, 0.3348, 0.3380**.

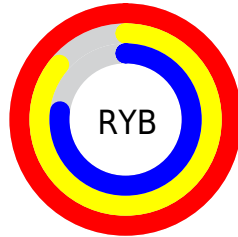
Distribution



Red (100%)

Green (84%)

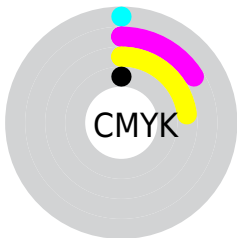
Blue (77%)



Red (100%)

Yellow (86%)

Blue (77%)

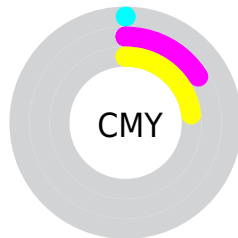


Cyan (0%)

Magenta (16%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8797, 0.3561, 0.3455 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 72.8797, 0.3561, 0.3455 by changing the saturation by 10% instead.

 72.8797, 0.3561,
0.3455

 72.8797, 0.3561,
0.3455


470.5978, 0.3359,
0.3382

 53.8776, 0.3608,
0.3471


123.3064, 0.3490,
0.3430

 38.5038, 0.3665,
0.3490


155.4998, 0.3463,
0.3421

 26.3739, 0.3739,
0.3513


192.8591, 0.3440,
0.3412

 17.1036, 0.3835,
0.3542

235.7687, 0.3419,
0.3405

 10.3084, 0.3966,
0.3578

284.6130, 0.3401,
0.3398

 5.6039, 0.4155,
0.3626

339.7763, 0.3385,

 2.6058, 0.4451,

0.3392

0.3686

401.6431, 0.3371,
0.3387

0.9296, 0.5505,
0.4154

0.0000, 1.0000,
0.0000

72.8797, 0.3561,
0.3455

72.8797, 0.3561,
0.3455

63.0404, 0.3813,
0.3532

83.9797, 0.3348,
0.3380

54.4097, 0.4109,
0.3608

96.3765, 0.3171,
0.3309

46.9418, 0.4447,
0.3674

100.0000, 0.3127,
0.3290

40.5852, 0.4820,
0.3722

■ 35.2843, 0.5207,
0.3740

■ 30.9784, 0.5574,
0.3716

■ 27.5995, 0.5880,
0.3647

■ 25.6756, 0.6052,
0.3577

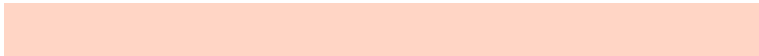
Harmonies

Analogous

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



72.8797, 0.3482, 0.3270



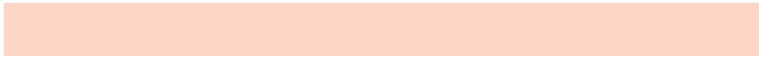
72.8797, 0.3561, 0.3455



72.8797, 0.3519, 0.3606

Triad

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



72.8797, 0.3561, 0.3455



72.8797, 0.2945, 0.3496



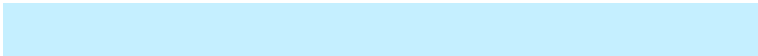
72.8797, 0.2881, 0.2924

Complementary

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



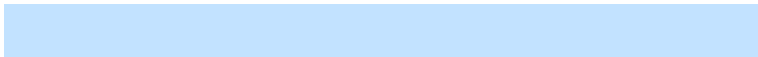
72.8797, 0.3561, 0.3455



80.8386, 0.2776, 0.3119

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.



72.8797, 0.2747, 0.2968



72.8797, 0.3561, 0.3455



72.8797, 0.2783, 0.3295

Square

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



72.8797, 0.3561, 0.3455



72.8797, 0.3159, 0.3638



72.8797, 0.2712, 0.3101



72.8797, 0.3083, 0.2971

Rectangle

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



72.8797, 0.3561, 0.3455



72.8797, 0.3429, 0.3664



72.8797, 0.2712, 0.3101



72.8797, 0.2826, 0.2928

Sweetspot

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



72.8820, 0.3561, 0.3455



90.9290, 0.3243, 0.3338



67.4670, 0.3266, 0.2866



19.3017, 0.3253, 0.3343



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.



72.8820, 0.3561, 0.3455



68.5345, 0.3663, 0.3488



88.4827, 0.3499, 0.3734



18.8017, 0.3287, 0.3356



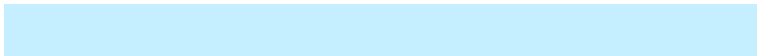
13.6287, 0.6024, 0.3599



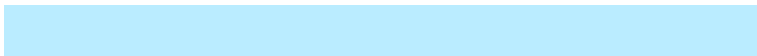
1.5004, 0.5804, 0.3774

Inverse Universe

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



80.8386, 0.2776, 0.3119



77.6827, 0.2712, 0.3082



65.4592, 0.2751, 0.2802



19.5851, 0.2980, 0.3223



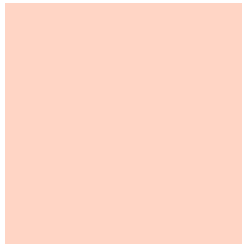
22.1046, 0.1991, 0.2366



2.3354, 0.2023, 0.2484

Previews

White Background



This preview shows how the Yxy color 72.8797, 0.3561, 0.3455 looks on a white background.

Color Contrast Check

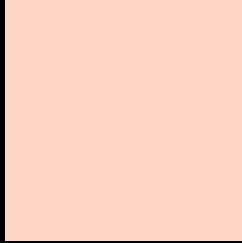
Large Text (above 18pt) WCAG AA × Fail

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 72.8797, 0.3561, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

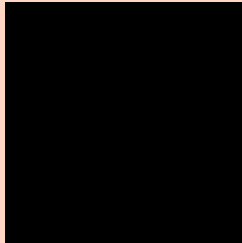
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8797, 0.3561, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 72.8797, 0.3561, 0.3455.



This preview shows how white text looks on a background with the Yxy color 72.8797, 0.3561, 0.3455.

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

72.8797, 0.3561, 0.3455

Protanopia

72.9189, 0.3335, 0.3507

Deuteranopia

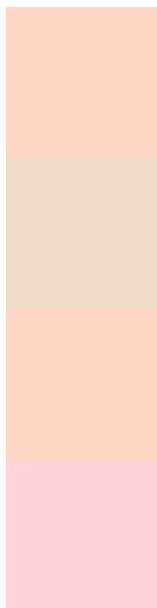
73.0070, 0.3543, 0.3466



Tritanopia

72.7894, 0.3359, 0.3140

Trichromacy



Original Color

72.8797, 0.3561, 0.3455

Protanomaly

72.8382, 0.3414, 0.3482

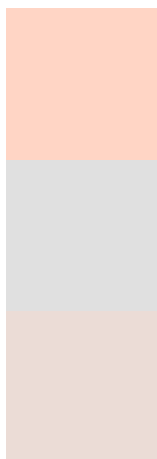
Deuteranomaly

73.1952, 0.3551, 0.3466

Tritanomaly

72.7548, 0.3431, 0.3250

Monochromacy



Original Color

72.8797, 0.3561, 0.3455

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 72.8797, 0.3561, 0.3455 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, 213, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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, 213, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 197) }
```

Border

The CSS property to change the border of an element to Yxy 72.8797, 0.3561, 0.3455 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, 213, 197) }
```

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

```
.border{ border-color:rgb(255, 213, 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, 213, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8797, 0.3561, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 197) }
```

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

```
.background{ background-color: rgb(255,  
213, 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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