

Converting Colors

$Y_{xy}(100.0000, 0.4321, 0.3356)$

Have a look what the booklet for
Yxy(100.0000, 0.4321, 0.3356)
contains.

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Color

Yxy(72.6588, 0.3518, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4CB
RGB	255, 212, 203
RGB Percent	100%, 83%, 80%
CMY	0.0001, 0.1686, 0.2038
CMYK	0.00, 0.17, 0.20, 0.00
HSL	10°, 100%, 90%
HSV	10°, 20%, 100%
XYZ	75.5583, 72.6588, 66.5592
YIQ	223.8310, 28.5170, 6.3170

Conversions

Conversions Part 2

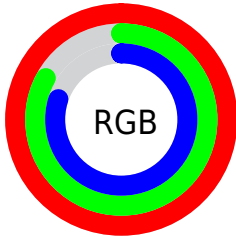
Format	Color
R _Y B	255, 214, 203
Decimal	16766155
CIE Lab	88.28, 13.68, 10.06
CIE LCh	88, 16.981, 36.342
Yxy	72.6588, 0.3518, 0.3383
Android (android.graphics.Color)	4294956235 (0xFFFFD4CB)
YUV	223.8310, -10.2697, 27.3352
Hunter-Lab	85.2401, 9.0552, 13.3719

Details

The Yxy color **72.6588, 0.3518, 0.3383** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.8236, 0.2816, 0.3195**, and the grayscale version is **74.4754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2896, 0.3616, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **61.6803, 0.3774, 0.3432**, and if you desaturate by 10%, it is **85.2207, 0.3307, 0.3336**.

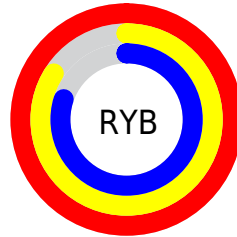
Distribution



Red (100%)

Green (83%)

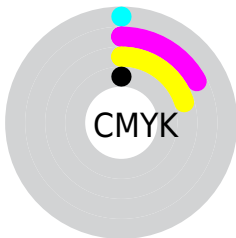
Blue (80%)



Red (100%)

Yellow (84%)

Blue (80%)

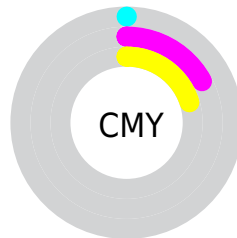


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6588, 0.3518, 0.3383 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 72.6588, 0.3518, 0.3383 by changing the saturation by 10% instead.


 72.6588, 0.3518,
0.3383

 72.6588, 0.3518,
0.3383


469.8314, 0.3336,
0.3343

 53.6970, 0.3560,
0.3391


122.9927, 0.3454,
0.3370

 38.3595, 0.3612,
0.3402


155.1336, 0.3430,
0.3364

 26.2618, 0.3678,
0.3414


192.4364, 0.3409,
0.3360

 17.0196, 0.3766,
0.3429

235.2853, 0.3390,
0.3355

 10.2485, 0.3885,
0.3447

284.0649, 0.3374,
0.3352

 5.5640, 0.4058,
0.3469

339.1596, 0.3360,

 2.5818, 0.4332,

0.3349

0.3495

400.9536, 0.3347,
0.3346

0.9175, 0.5097,
0.3710

0.0000, 1.0000,
0.0000

72.6588, 0.3518,
0.3383

72.6588, 0.3518,
0.3383

61.6803, 0.3774,
0.3432

85.2207, 0.3307,
0.3336

52.2125, 0.4082,
0.3480

99.4153, 0.3133,
0.3292

44.1920, 0.4443,
0.3523

99.9950, 0.3127,
0.3290

37.5466, 0.4851,
0.3553

■ 32.1982, 0.5281,
0.3562

■ 28.0604, 0.5693,
0.3542

■ 25.0359, 0.6030,
0.3490

■ 23.0641, 0.6249,
0.3420

Harmonies

Analogous

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



72.6588, 0.3406, 0.3209



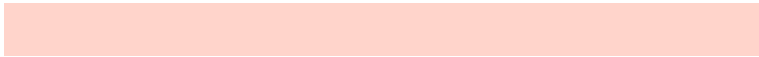
72.6588, 0.3518, 0.3383



72.6588, 0.3521, 0.3541

Triad

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



72.6588, 0.3518, 0.3383



72.6588, 0.3027, 0.3540



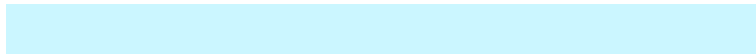
72.6588, 0.2841, 0.2952

Complementary

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



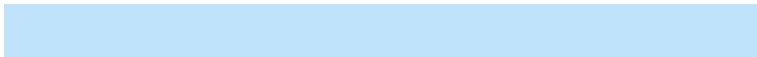
72.6588, 0.3518, 0.3383



85.8236, 0.2816, 0.3195

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.



72.6588, 0.2747, 0.3026



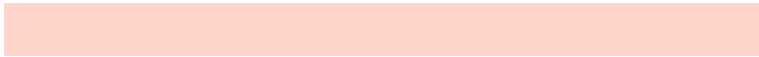
72.6588, 0.3518, 0.3383



72.6588, 0.2853, 0.3366

Square

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



72.6588, 0.3518, 0.3383



72.6588, 0.3233, 0.3641



72.6588, 0.2752, 0.3176



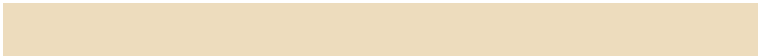
72.6588, 0.3012, 0.2965

Rectangle

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



72.6588, 0.3518, 0.3383



72.6588, 0.3461, 0.3615



72.6588, 0.2752, 0.3176



72.6588, 0.2800, 0.2967

Sweetspot

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



72.6621, 0.3518, 0.3383



91.2442, 0.3226, 0.3316



70.6538, 0.3212, 0.2862



19.3338, 0.3238, 0.3319



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.



72.6621, 0.3518, 0.3383



68.5155, 0.3605, 0.3401



86.5188, 0.3468, 0.3637



18.4948, 0.3290, 0.3332



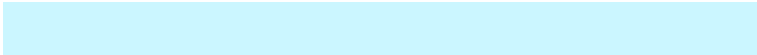
12.2010, 0.6226, 0.3438



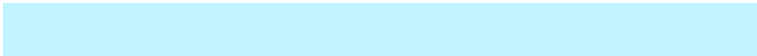
1.3216, 0.6031, 0.3593

Inverse Universe

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



85.8236, 0.2816, 0.3195



83.6138, 0.2762, 0.3176



71.2860, 0.2797, 0.2917



19.9152, 0.2980, 0.3248



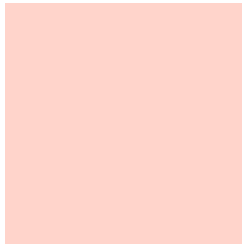
28.2841, 0.2091, 0.2727



2.8884, 0.2111, 0.2798

Previews

White Background



This preview shows how the Yxy color 72.6588, 0.3518, 0.3383 looks on a white background.

Color Contrast Check

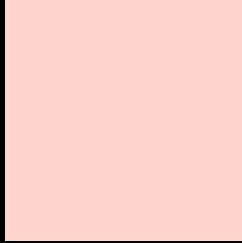
Large Text (above 18pt) WCAG AA × Fail

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 72.6588, 0.3518, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

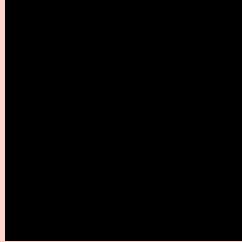
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.6588, 0.3518, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 72.6588, 0.3518, 0.3383.

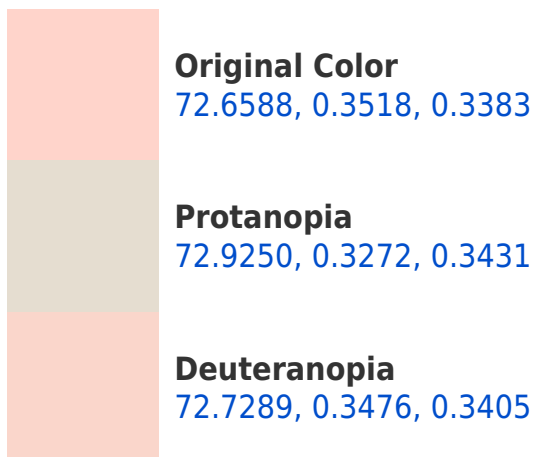


This preview shows how white text looks on a background with the Yxy color 72.6588, 0.3518, 0.3383.

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





Tritanopia

72.7894, 0.3359, 0.3140

Trichromacy



Original Color

72.6588, 0.3518, 0.3383

Protanomaly

72.7762, 0.3357, 0.3418

Deuteranomaly

72.5957, 0.3493, 0.3394

Tritanomaly

72.8583, 0.3416, 0.3230

Monochromacy



Original Color

72.6588, 0.3518, 0.3383

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.8064, 0.3262, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6588, 0.3518, 0.3383 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, 212, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 203)  
}
```

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, 212, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 203) }
```

Border

The CSS property to change the border of an element to Yxy 72.6588, 0.3518, 0.3383 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, 212, 203) }
```

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

```
.border{ border-color:rgb(255, 212, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6588, 0.3518, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 203) }
```

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

```
.background{ background-color: rgb(255,  
212, 203) }
```

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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