

Converting Colors

$Y_{xy}(72.8672, 0.3490, 0.3378)$

Have a look what the booklet for
Yxy(72.8672, 0.3490, 0.3378)
contains.

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Color

Yxy(72.8789, 0.3486, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	FDD5CD
RGB	253, 213, 205
RGB Percent	99%, 84%, 80%
CMY	0.0079, 0.1647, 0.1960
CMYK	0.00, 0.16, 0.19, 0.01
HSL	10°, 92%, 90%
HSV	10°, 19%, 99%
XYZ	75.3204, 72.8789, 67.8662
YIQ	224.0480, 26.4080, 5.9920

Conversions

Conversions Part 2

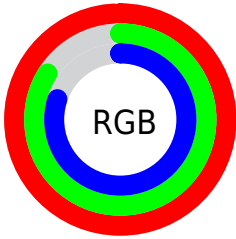
Format	Color
R _Y B	253, 215, 205
Decimal	16635341
CIE Lab	88.39, 12.74, 9.14
CIE LCh	88, 15.679, 35.662
Yxy	72.8789, 0.3486, 0.3373
Android (android.graphics.Color)	4294825421 (0xFFFD5CD)
YUV	224.0480, -9.3907, 25.3909
Hunter-Lab	85.3691, 8.0930, 12.6244

Details

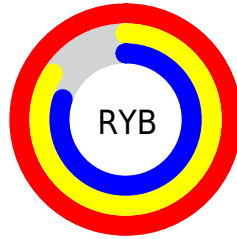
The Yxy color **72.8789, 0.3486, 0.3373** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.3783, 0.2837, 0.3205**, and the grayscale version is **74.6337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4238, 0.3573, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **61.8300, 0.3736, 0.3420**, and if you desaturate by 10%, it is **85.5110, 0.3280, 0.3328**.

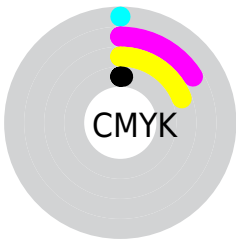
Distribution



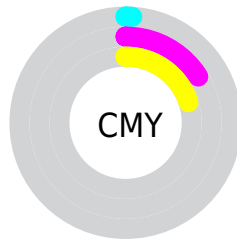
- Red (99%)
- Green (84%)
- Blue (80%)



- Red (99%)
- Yellow (84%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (19%)
- Black (1%)





- Cyan (1%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8789, 0.3486, 0.3373 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 72.8789, 0.3486, 0.3373 by changing the saturation by 10% instead.


 72.8789, 0.3486,
0.3373

 72.8789, 0.3486,
0.3373


470.5950, 0.3319,
0.3337

 53.8769, 0.3525,
0.3381


123.3053, 0.3428,
0.3361

 38.5033, 0.3572,
0.3390


155.4985, 0.3405,
0.3356

 26.3735, 0.3633,
0.3401


192.8576, 0.3386,
0.3352

 17.1033, 0.3713,
0.3414

235.7669, 0.3369,
0.3348

 10.3082, 0.3822,
0.3431

284.6110, 0.3354,
0.3345

 5.6038, 0.3981,
0.3452

339.7741, 0.3341,

 2.6057, 0.4232,

0.3342

0.3477

401.6406, 0.3329,
0.3339

■ 0.9295, 0.4889,
0.3650

■ 0.0000, 1.0000,
0.0000

■ 72.8789, 0.3486,
0.3373

■ 72.8789, 0.3486,
0.3373

■ 61.8300, 0.3736,
0.3420

■ 85.5110, 0.3280,
0.3328

■ 52.2922, 0.4038,
0.3467

99.6207, 0.3115,
0.3290

■ 44.2024, 0.4393,
0.3509

■ 37.4892, 0.4797,
0.3540

■ 32.0751, 0.5229,
0.3552

■ 27.8747, 0.5648,
0.3536

■ 24.7919, 0.5999,
0.3489

■ 22.7120, 0.6238,
0.3420

■ 22.5461, 0.6258,
0.3413

Harmonies

Analogous

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



72.8789, 0.3381, 0.3212



72.8789, 0.3486, 0.3373



72.8789, 0.3491, 0.3519

Triad

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



72.8789, 0.3486, 0.3373



72.8789, 0.3040, 0.3523



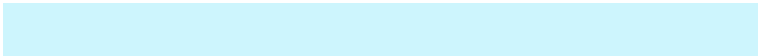
72.8789, 0.2860, 0.2978

Complementary

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



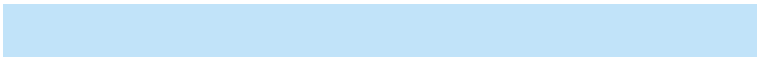
72.8789, 0.3486, 0.3373



85.3783, 0.2837, 0.3205

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.



72.8789, 0.2775, 0.3049



72.8789, 0.3486, 0.3373



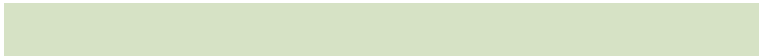
72.8789, 0.2877, 0.3365

Square

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



72.8789, 0.3486, 0.3373



72.8789, 0.3230, 0.3614



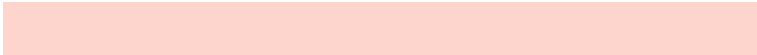
72.8789, 0.2781, 0.3189



72.8789, 0.3017, 0.2988

Rectangle

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



72.8789, 0.3486, 0.3373



72.8789, 0.3437, 0.3588



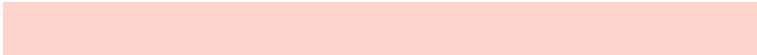
72.8789, 0.2781, 0.3189



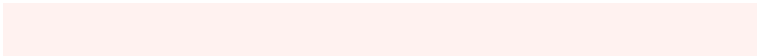
72.8789, 0.2823, 0.2993

Sweetspot

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



72.8822, 0.3486, 0.3373



91.1855, 0.3227, 0.3315



71.1939, 0.3199, 0.2885



19.3199, 0.3238, 0.3318



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.



72.8822, 0.3486, 0.3373



69.4608, 0.3582, 0.3392



85.3956, 0.3443, 0.3604



18.4757, 0.3290, 0.3330



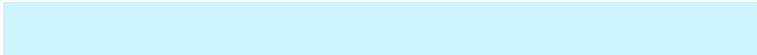
12.1338, 0.6237, 0.3430



1.3123, 0.6044, 0.3583

Inverse Universe

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



85.3783, 0.2837, 0.3205



84.4483, 0.2777, 0.3185



72.2143, 0.2822, 0.2955



19.9361, 0.2980, 0.3249



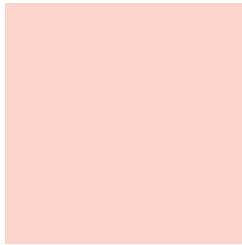
28.7063, 0.2097, 0.2749



2.9257, 0.2116, 0.2817

Previews

White Background



This preview shows how the Yxy color 72.8789, 0.3486, 0.3373 looks on a white background.

Color Contrast Check

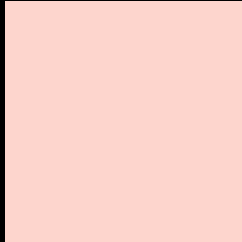
Large Text (above 18pt) WCAG AA × Fail

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 72.8789, 0.3486, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

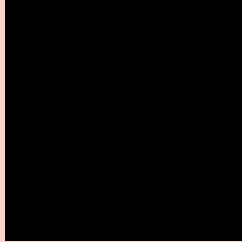
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8789, 0.3486, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 72.8789, 0.3486, 0.3373.

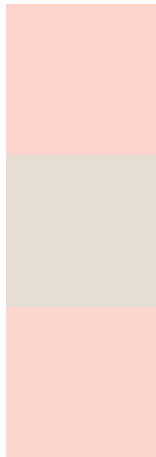


This preview shows how white text looks on a background with the Yxy color 72.8789, 0.3486, 0.3373.

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

72.8789, 0.3486, 0.3373

Protanopia

72.9744, 0.3265, 0.3420

Deuteranopia

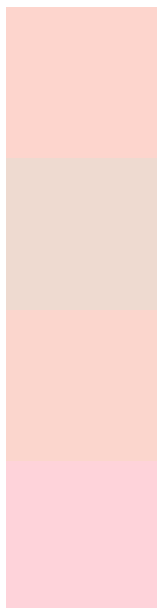
72.8249, 0.3461, 0.3384



Tritanopia

72.8442, 0.3352, 0.3130

Trichromacy



Original Color

72.8789, 0.3486, 0.3373

Protanomaly

72.8740, 0.3343, 0.3397

Deuteranomaly

73.0101, 0.3469, 0.3384

Tritanomaly

72.7213, 0.3401, 0.3220

Monochromacy



Original Color

72.8789, 0.3486, 0.3373

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.8583, 0.3256, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8789, 0.3486, 0.3373 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(253, 213, 205)` looks like.

```
.text, #text, p{  
    color:rgb(253, 213, 205)  
}
```

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(253, 213, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 213, 205) }
```

Border

The CSS property to change the border of an element to Yxy 72.8789, 0.3486, 0.3373 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(253, 213, 205) }
```

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

```
.border{ border-color:rgb(253, 213, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 213, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 213, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 213, 205);  
box-shadow:4px 4px 4px 4px rgb(253, 213,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8789, 0.3486, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 213, 205) }
```

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

```
.background{ background-color: rgb(253,  
213, 205) }
```

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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