

Converting Colors

$Yxy(72.2003, 0.3439, 0.3358)$

Have a look what the booklet for
Yxy(72.2003, 0.3439, 0.3358)
contains.

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Color

Yxy(72.0500, 0.3433, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	F8D5CF
RGB	248, 213, 207
RGB Percent	97%, 84%, 81%
CMY	0.0275, 0.1647, 0.1882
CMYK	0.00, 0.14, 0.17, 0.03
HSL	9°, 75%, 89%
HSV	9°, 17%, 97%
XYZ	73.7691, 72.0500, 69.0631
YIQ	222.7810, 22.7860, 5.5540

Conversions

Conversions Part 2

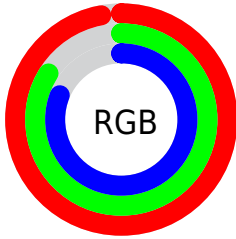
Format	Color
R_{YB}	248, 214, 207
Decimal	16307663
CIE _{Lab}	87.99, 11.25, 7.46
CIE _{LCh}	88, 13.499, 33.534
Yxy	72.0500, 0.3433, 0.3353
Android (android.graphics.Color)	4294497743 (0xFFFF8D5CF)
YUV	222.7810, -7.7800, 22.1171
Hunter-Lab	84.8823, 6.5859, 11.1772

Details

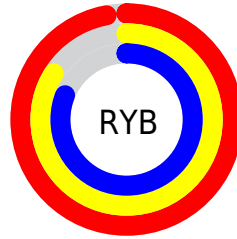
The Yxy color $72.0500, 0.3433, 0.3353$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83.5573, 0.2874, 0.3226$, and the grayscale version is $73.6751, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.8300, 0.3503, 0.3358$ is the 20% darker color. If you saturate the color by 10%, you get $60.9661, 0.3674, 0.3394$, and if you desaturate by 10%, it is $84.7220, 0.3236, 0.3314$.

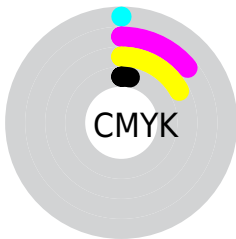
Distribution



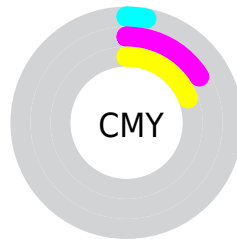
- Red (97%)
- Green (84%)
- Blue (81%)



- Red (97%)
- Yellow (84%)
- Blue (81%)



- Cyan (0%)
- Magenta (14%)
- Yellow (17%)
- Black (3%)





- Cyan (3%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0500, 0.3433, 0.3353 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 72.0500, 0.3433, 0.3353 by changing the saturation by 10% instead.


 72.0500, 0.3433,
0.3353

 72.0500, 0.3433,
0.3353


467.7156, 0.3290,
0.3326

 53.1995, 0.3466,
0.3359

122.1276, 0.3383,
0.3344

 37.9621, 0.3507,
0.3366


154.1235, 0.3364,
0.3340

 25.9533, 0.3559,
0.3374


191.2701, 0.3347,
0.3337

 16.7887, 0.3627,
0.3385

233.9516, 0.3333,
0.3334

 10.0839, 0.3721,
0.3398

282.5525, 0.3320,
0.3332

 5.4546, 0.3859,
0.3415

337.4572, 0.3309,

 2.5164, 0.4077,

0.3329

0.3436

399.0501, 0.3299,
0.3327

0.8848, 0.4635,
0.3577

0.0000, 1.0000,
0.0000

72.0500, 0.3433,
0.3353

72.0500, 0.3433,
0.3353

60.9661, 0.3674,
0.3394

84.7220, 0.3236,
0.3314

51.3984, 0.3966,
0.3436

98.6959, 0.3084,
0.3290

43.2835, 0.4313,
0.3474

36.5501, 0.4713,
0.3504

■ 31.1205, 0.5148,
0.3518

■ 26.9095, 0.5582,
0.3509

■ 23.8213, 0.5957,
0.3472

■ 21.7452, 0.6219,
0.3411

■ 21.2309, 0.6285,
0.3391

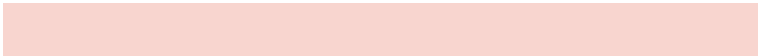
Harmonies

Analogous

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



72.0500, 0.3337, 0.3213



72.0500, 0.3433, 0.3353



72.0500, 0.3444, 0.3481

Triad

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



72.0500, 0.3433, 0.3353



72.0500, 0.3063, 0.3498



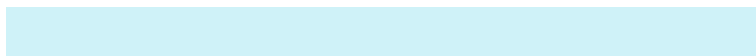
72.0500, 0.2888, 0.3022

Complementary

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



72.0500, 0.3433, 0.3353



83.5573, 0.2874, 0.3226

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.



72.0500, 0.2820, 0.3089



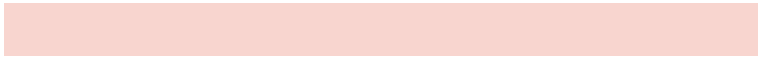
72.0500, 0.3433, 0.3353



72.0500, 0.2919, 0.3365

Square

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



72.0500, 0.3433, 0.3353



72.0500, 0.3228, 0.3571



72.0500, 0.2831, 0.3214



72.0500, 0.3021, 0.3025

Rectangle

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



72.0500, 0.3433, 0.3353



72.0500, 0.3402, 0.3543



72.0500, 0.2831, 0.3214



72.0500, 0.2857, 0.3037

Sweetspot

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



72.0532, 0.3433, 0.3353



92.4547, 0.3209, 0.3308



71.0348, 0.3184, 0.2932



19.5697, 0.3222, 0.3311



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

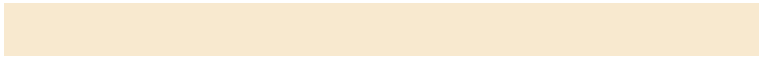
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.0532, 0.3433, 0.3353



72.4312, 0.3512, 0.3367



82.7242, 0.3400, 0.3555



17.6341, 0.3290, 0.3325



11.5902, 0.6266, 0.3407



1.1925, 0.6072, 0.3560

Inverse Universe

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



83.5573, 0.2874, 0.3226



86.9168, 0.2822, 0.3211



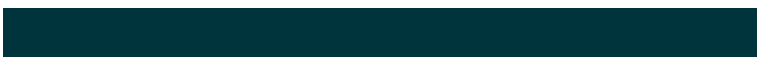
72.3124, 0.2864, 0.3010



19.1511, 0.2980, 0.3254



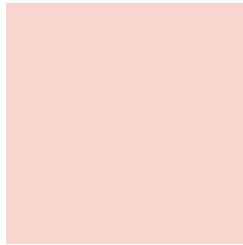
29.2002, 0.2117, 0.2819



2.8185, 0.2134, 0.2881

Previews

White Background



This preview shows how the Yxy color 72.0500, 0.3433, 0.3353 looks on a white background.

Color Contrast Check

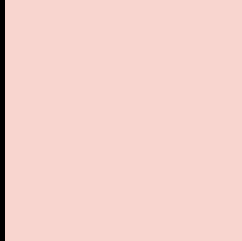
Large Text (above 18pt) WCAG AA × Fail

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 72.0500, 0.3433, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

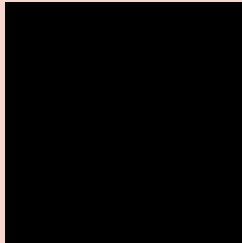
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.0500, 0.3433, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 72.0500, 0.3433, 0.3353.

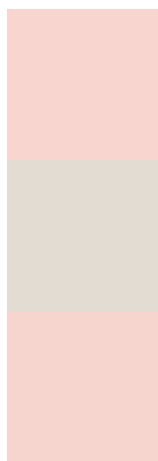


This preview shows how white text looks on a background with the Yxy color 72.0500, 0.3433, 0.3353.

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

72.0500, 0.3433, 0.3353

Protanopia

72.2204, 0.3238, 0.3388

Deuteranopia

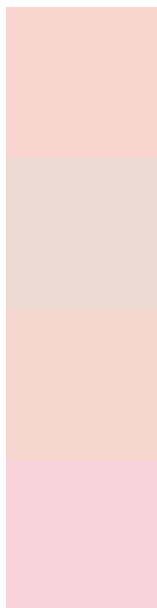
71.8677, 0.3426, 0.3353



Tritanopia

71.9082, 0.3314, 0.3128

Trichromacy



Original Color

72.0500, 0.3433, 0.3353

Protanomaly

71.9410, 0.3307, 0.3365

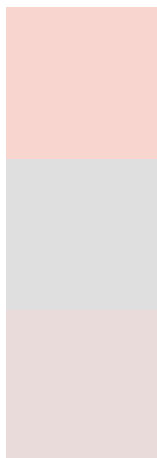
Deuteranomaly

71.8677, 0.3426, 0.3353

Tritanomaly

71.8427, 0.3356, 0.3208

Monochromacy



Original Color

72.0500, 0.3433, 0.3353

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.8286, 0.3235, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0500, 0.3433, 0.3353 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(248, 213, 207)` looks like.

```
.text, #text, p{  
    color:rgb(248, 213, 207)  
}
```

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(248, 213, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 213, 207) }
```

Border

The CSS property to change the border of an element to Yxy 72.0500, 0.3433, 0.3353 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(248, 213, 207) }
```

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

```
.border{ border-color:rgb(248, 213, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 213, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 213, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 213, 207);  
box-shadow:4px 4px 4px 4px rgb(248, 213,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0500, 0.3433, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 213, 207) }
```

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

```
.background{ background-color: rgb(248,  
213, 207) }
```

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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