

Converting Colors

$Y_{xy}(72.2327, 0.3590, 0.3519)$

Have a look what the booklet for
Yxy(72.2327, 0.3590, 0.3519)
contains.

Yxy(72.2327, 0.3590, 0.3519)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.2327, 0.3590, 0.3519)

Conversions

Conversions Part 1

Format	Color
Hex	FDD5BF
RGB	253, 213, 191
RGB Percent	99%, 84%, 75%
CMY	0.0081, 0.1646, 0.2510
CMYK	0.00, 0.16, 0.24, 0.01
HSL	21°, 94%, 87%
HSV	21°, 24%, 99%
XYZ	73.6901, 72.2327, 59.3421
YIQ	222.4520, 30.9020, 1.6380

Conversions

Conversions Part 2

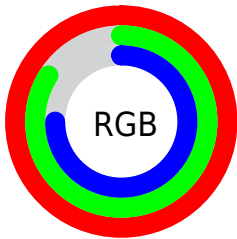
Format	Color
R _Y B	253, 225, 191
Decimal	16635327
CIE Lab	88.08, 10.71, 16.08
CIE LCh	88, 19.322, 56.340
Yxy	72.2327, 0.3590, 0.3519
Android (android.graphics.Color)	4294825407 (0xFFFDD5BF)
YUV	222.4520, -15.5058, 26.7906
Hunter-Lab	84.9898, 6.0355, 18.0951

Details

The Yxy color **72.2327, 0.3590, 0.3519** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.2630, 0.2745, 0.3049**, and the grayscale version is **73.4767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **38.0245, 0.3702, 0.3557** is the 20% darker color. If you saturate the color by 10%, you get **63.4248, 0.3836, 0.3618**, and if you desaturate by 10%, it is **82.0635, 0.3379, 0.3422**.

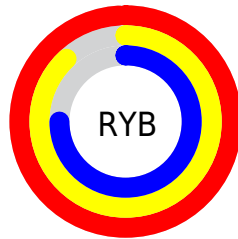
Distribution



Red (99%)

Green (84%)

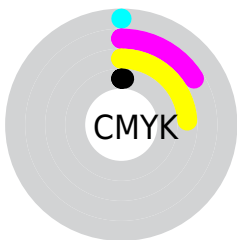
Blue (75%)



Red (99%)

Yellow (88%)

Blue (75%)

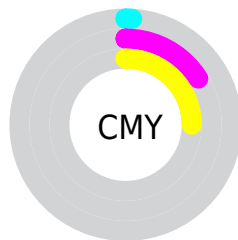


Cyan (0%)

Magenta (16%)

Yellow (24%)

Black (1%)



Cyan (1%)

Magenta (16%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.2327, 0.3590, 0.3519 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 72.2327, 0.3590, 0.3519 by changing the saturation by 10% instead.


 72.2327, 0.3590,
0.3519

 72.2327, 0.3590,
0.3519


468.3511, 0.3374,
0.3417

 53.3488, 0.3640,
0.3541


 122.3873, 0.3515,
0.3484

 38.0813, 0.3701,
0.3568


154.4268, 0.3486,
0.3471

 26.0458, 0.3779,
0.3602

191.6203, 0.3460,
0.3459

 16.8579, 0.3882,
0.3644

234.3521, 0.3439,
0.3448

 10.1332, 0.4021,
0.3697

283.0067, 0.3419,
0.3439

 5.4874, 0.4222,
0.3768

337.9685, 0.3403,

 2.5360, 0.4530,

0.3431

0.3859

399.6218, 0.3387,
0.3423

0.8946, 0.5606,
0.4394

0.0000, 1.0000,
0.0000

72.2327, 0.3590,
0.3519

72.2327, 0.3590,
0.3519

63.4248, 0.3836,
0.3618

82.0635, 0.3379,
0.3422

55.5956, 0.4119,
0.3714

92.9395, 0.3199,
0.3330

48.7126, 0.4436,
0.3798

99.6122, 0.3114,
0.3290

42.7370, 0.4777,
0.3860

■ 37.6273, 0.5125,
0.3886

■ 33.3380, 0.5451,
0.3865

■ 29.8179, 0.5726,
0.3792

■ 28.1804, 0.5852,
0.3736

Harmonies

Analogous

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



72.2327, 0.3544, 0.3328



72.2327, 0.3590, 0.3519



72.2327, 0.3507, 0.3660

Triad

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



72.2327, 0.3590, 0.3519



72.2327, 0.2873, 0.3449



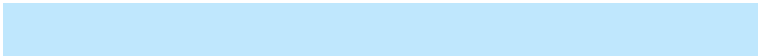
72.2327, 0.2923, 0.2906

Complementary

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



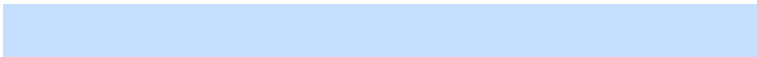
72.2327, 0.3590, 0.3519



75.2630, 0.2745, 0.3049

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.



72.2327, 0.2755, 0.2923



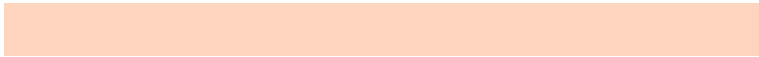
72.2327, 0.3590, 0.3519



72.2327, 0.2727, 0.3229

Square

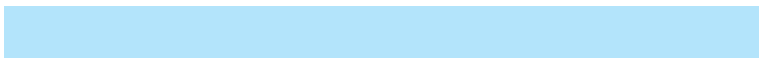
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.2327, 0.3590, 0.3519



72.2327, 0.3090, 0.3627



72.2327, 0.2685, 0.3037



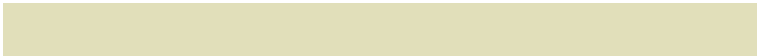
72.2327, 0.3152, 0.2983

Rectangle

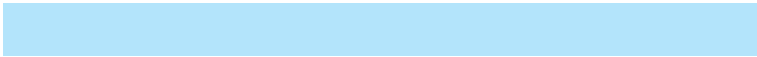
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.2327, 0.3590, 0.3519



72.2327, 0.3392, 0.3702



72.2327, 0.2685, 0.3037



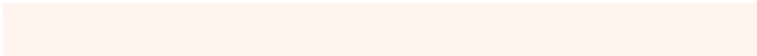
72.2327, 0.2858, 0.2900

Sweetspot

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



72.2360, 0.3590, 0.3519



91.7837, 0.3241, 0.3352



63.9138, 0.3318, 0.2882



19.4993, 0.3252, 0.3358



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.



72.2360, 0.3590, 0.3519



69.3960, 0.3697, 0.3564



89.1251, 0.3519, 0.3818



19.0442, 0.3285, 0.3375



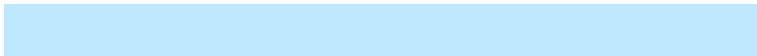
15.2467, 0.5823, 0.3759



1.6816, 0.5606, 0.3931

Inverse Universe

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



75.2630, 0.2745, 0.3049



72.9199, 0.2675, 0.2998



59.6034, 0.2714, 0.2700



19.3304, 0.2980, 0.3203



17.9932, 0.1911, 0.2078



1.9583, 0.1953, 0.2232

Previews

White Background



This preview shows how the Yxy color 72.2327, 0.3590, 0.3519 looks on a white background.

Color Contrast Check

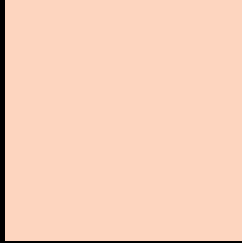
Large Text (above 18pt) WCAG AA × Fail

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 72.2327, 0.3590, 0.3519 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 72.2327, 0.3590, 0.3519

Background



This preview shows how black text looks on a background with the Yxy color 72.2327, 0.3590, 0.3519.

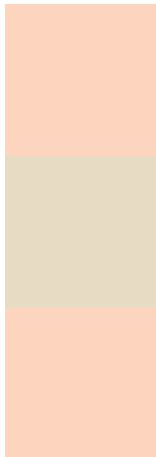


This preview shows how white text looks on a background with the Yxy color 72.2327, 0.3590, 0.3519.

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

72.2327, 0.3590, 0.3519

Protanopia

72.1155, 0.3378, 0.3562

Deuteranopia

72.2327, 0.3590, 0.3519



Tritanopia

72.2427, 0.3368, 0.3139

Trichromacy



Original Color

72.2327, 0.3590, 0.3519

Protanomaly

71.8715, 0.3452, 0.3536

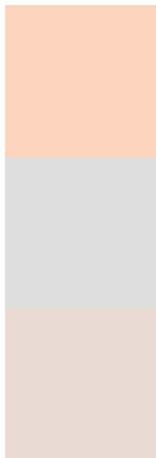
Deuteranomaly

72.2327, 0.3590, 0.3519

Tritanomaly

71.9175, 0.3447, 0.3271

Monochromacy



Original Color

72.2327, 0.3590, 0.3519

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.6898, 0.3283, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2327, 0.3590, 0.3519 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(253, 213, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 213, 191) }
```

Border

The CSS property to change the border of an element to Yxy 72.2327, 0.3590, 0.3519 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, 191) }
```

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

```
.border{ border-color:rgb(253, 213, 191) }
```

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, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 213, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 213, 191);  
box-shadow:4px 4px 4px 4px rgb(253, 213,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2327, 0.3590, 0.3519 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, 191) }
```

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

```
.background{ background-color: rgb(253,  
213, 191) }
```

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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