

Converting Colors

$Y_{xy}(68.8110, 0.3589, 0.3423)$

Have a look what the booklet for
Yxy(68.8110, 0.3589, 0.3423)
contains.

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Color

Yxy(68.8755, 0.3592, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	FDCEC1
RGB	253, 206, 193
RGB Percent	99%, 81%, 76%
CMY	0.0077, 0.1922, 0.2431
CMYK	0.00, 0.19, 0.24, 0.01
HSL	13°, 94%, 87%
HSV	13°, 24%, 99%
XYZ	72.2127, 68.8755, 59.9494
YIQ	218.5710, 32.1850, 5.9210

Conversions

Conversions Part 2

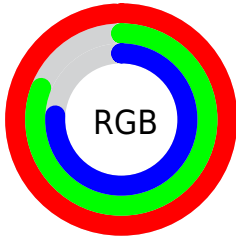
Format	Color
R _Y B	253, 210, 193
Decimal	16633537
CIE Lab	86.44, 14.68, 12.70
CIE LCh	86, 19.413, 40.869
Yxy	68.8755, 0.3592, 0.3426
Android (android.graphics.Color)	4294823617 (0xFFFDCEC1)
YUV	218.5710, -12.6065, 30.1942
Hunter-Lab	82.9913, 10.0825, 15.2653

Details

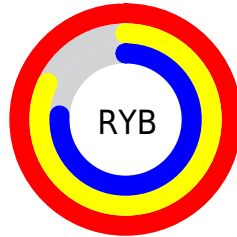
The Yxy color **68.8755, 0.3592, 0.3426** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.7801, 0.2764, 0.3149**, and the grayscale version is **70.6018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **36.0563, 0.3715, 0.3465** is the 20% darker color. If you saturate the color by 10%, you get **58.8913, 0.3858, 0.3487**, and if you desaturate by 10%, it is **80.2637, 0.3370, 0.3366**.

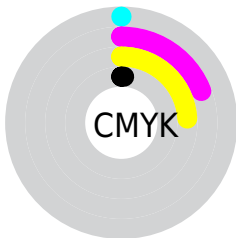
Distribution



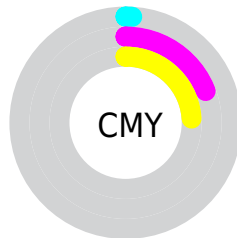
- Red (99%)
- Green (81%)
- Blue (76%)



- Red (99%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (24%)
- Black (1%)





- Cyan (1%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8755, 0.3592, 0.3426 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 68.8755, 0.3592, 0.3426 by changing the saturation by 10% instead.


 68.8755, 0.3592,
0.3426

 68.8755, 0.3592,
0.3426


456.5917, 0.3373,
0.3367

 50.6103, 0.3643,
0.3439

 117.6037, 0.3515,
0.3406

 35.8986, 0.3707,
0.3454


148.8356, 0.3486,
0.3398

 24.3559, 0.3788,
0.3472


185.1584, 0.3460,
0.3391

 15.5978, 0.3895,
0.3494

226.9567, 0.3438,
0.3385

 9.2400, 0.4043,
0.3522

274.6148, 0.3419,
0.3380

 4.8981, 0.4260,
0.3555

328.5170, 0.3402,

 2.1876, 0.4604,

0.3375

0.3591

389.0479, 0.3386,
0.3371

0.7132, 0.5959,
0.4041

0.0000, 0.0000,
0.0000

68.8755, 0.3592,
0.3426

68.8755, 0.3592,
0.3426

58.8913, 0.3858,
0.3487

80.2637, 0.3370,
0.3366

50.2472, 0.4172,
0.3546

93.0980, 0.3187,
0.3310

42.8881, 0.4535,
0.3596

99.6272, 0.3115,
0.3290

36.7516, 0.4936,
0.3629

■ 31.7698, 0.5348,
0.3634

■ 27.8676, 0.5731,
0.3602

■ 24.9607, 0.6034,
0.3533

■ 23.5935, 0.6175,
0.3479

Harmonies

Analogous

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



68.8755, 0.3479, 0.3224



68.8755, 0.3592, 0.3426



68.8755, 0.3574, 0.3603

Triad

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



68.8755, 0.3592, 0.3426



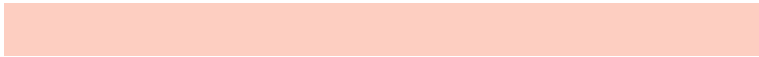
68.8755, 0.2976, 0.3556



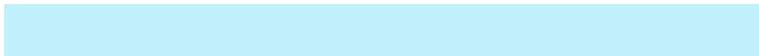
68.8755, 0.2820, 0.2894

Complementary

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



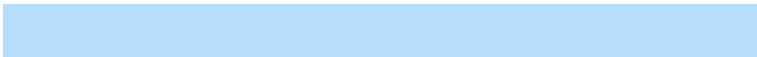
68.8755, 0.3592, 0.3426



80.7801, 0.2764, 0.3149

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.



68.8755, 0.2697, 0.2963



68.8755, 0.3592, 0.3426



68.8755, 0.2784, 0.3344

Square

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



68.8755, 0.3592, 0.3426



68.8755, 0.3213, 0.3690



68.8755, 0.2684, 0.3125



68.8755, 0.3027, 0.2925

Rectangle

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



68.8755, 0.3592, 0.3426



68.8755, 0.3492, 0.3681



68.8755, 0.2684, 0.3125



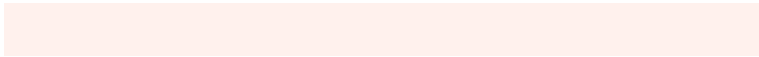
68.8755, 0.2768, 0.2906

Sweetspot

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



68.8787, 0.3592, 0.3426



90.3001, 0.3243, 0.3328



65.3869, 0.3243, 0.2809



19.1564, 0.3254, 0.3331



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

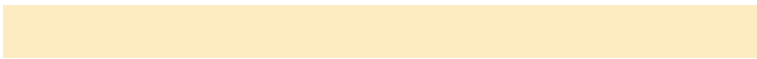
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.8787, 0.3592, 0.3426



65.5704, 0.3700, 0.3452



84.1675, 0.3525, 0.3716



18.6238, 0.3289, 0.3342



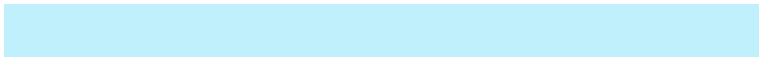
12.7200, 0.6150, 0.3499



1.3900, 0.5940, 0.3666

Inverse Universe

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



80.7801, 0.2764, 0.3149



79.4209, 0.2702, 0.3121



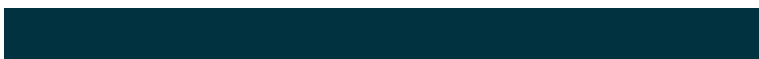
65.0312, 0.2738, 0.2825



19.7754, 0.2980, 0.3237



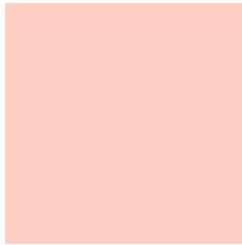
25.5489, 0.2049, 0.2576



2.6453, 0.2074, 0.2667

Previews

White Background



This preview shows how the Yxy color 68.8755, 0.3592, 0.3426 looks on a white background.

Color Contrast Check

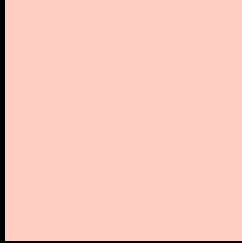
Large Text (above 18pt) WCAG AA × Fail

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 68.8755, 0.3592, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

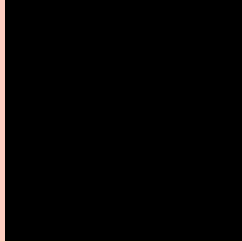
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.8755, 0.3592, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 68.8755, 0.3592, 0.3426.



This preview shows how white text looks on a background with the Yxy color 68.8755, 0.3592, 0.3426.

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

68.8755, 0.3592, 0.3426

Protanopia

69.1965, 0.3318, 0.3489

Deuteranopia

68.9995, 0.3537, 0.3471



Tritanopia

69.0338, 0.3421, 0.3138

Trichromacy



Original Color

68.8755, 0.3592, 0.3426

Protanomaly

68.7347, 0.3415, 0.3464

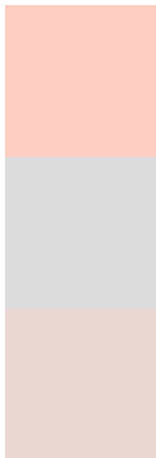
Deuteranomaly

69.0573, 0.3563, 0.3459

Tritanomaly

68.8600, 0.3480, 0.3240

Monochromacy



Original Color

68.8755, 0.3592, 0.3426

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.7352, 0.3281, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8755, 0.3592, 0.3426 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, 206, 193)` looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 193)  
}
```

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, 206, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 193) }
```

Border

The CSS property to change the border of an element to Yxy 68.8755, 0.3592, 0.3426 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, 206, 193) }
```

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

```
.border{ border-color:rgb(253, 206, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 206, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 206, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 206, 193);  
box-shadow:4px 4px 4px 4px rgb(253, 206,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8755, 0.3592, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 206, 193) }
```

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

```
.background{ background-color: rgb(253,  
206, 193) }
```

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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