

Converting Colors

$Yxy(73.3851, 0.3419, 0.3396)$

Have a look what the booklet for
Yxy(73.3851, 0.3419, 0.3396)
contains.

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Color

Yxy(73.1608, 0.3420, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	F6D8CE
RGB	246, 216, 206
RGB Percent	96%, 85%, 81%
CMY	0.0353, 0.1529, 0.1921
CMYK	0.00, 0.12, 0.16, 0.04
HSL	15°, 69%, 89%
HSV	15°, 16%, 96%
XYZ	73.6995, 73.1608, 68.6354
YIQ	223.8300, 21.0900, 3.2500

Conversions

Conversions Part 2

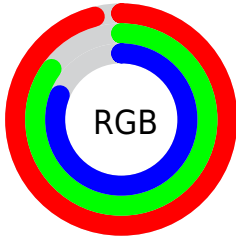
Format	Color
R _Y B	246, 219, 206
Decimal	16177358
CIE Lab	88.52, 8.82, 8.73
CIE LCh	89, 12.407, 44.718
Yxy	73.1608, 0.3420, 0.3395
Android (android.graphics.Color)	4294367438 (0xFFFF6D8CE)
YUV	223.8300, -8.7902, 19.4431
Hunter-Lab	85.5341, 4.1180, 12.2976

Details

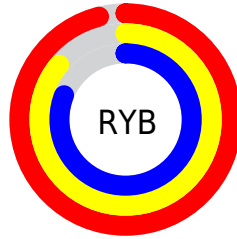
The Yxy color **73.1608, 0.3420, 0.3395** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.7594, 0.2876, 0.3183**, and the grayscale version is **74.4676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5756, 0.3485, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **63.1330, 0.3648, 0.3464**, and if you desaturate by 10%, it is **84.4432, 0.3230, 0.3329**.

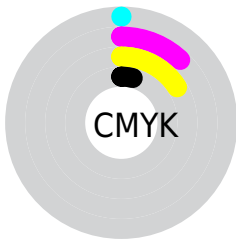
Distribution



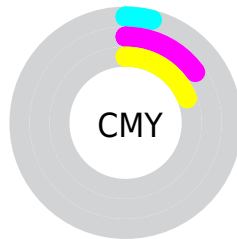
- Red (96%)
- Green (85%)
- Blue (81%)



- Red (96%)
- Yellow (86%)
- Blue (81%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1608, 0.3420, 0.3395 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 73.1608, 0.3420, 0.3395 by changing the saturation by 10% instead.

 73.1608, 0.3420,
0.3395

 73.1608, 0.3420,
0.3395


471.5719, 0.3284,
0.3348

 54.1075, 0.3451,
0.3405


123.7055, 0.3373,
0.3379

 38.6876, 0.3490,
0.3418


155.9656, 0.3354,
0.3373

 26.5168, 0.3539,
0.3433


193.3967, 0.3338,
0.3367

 17.2106, 0.3604,
0.3453

236.3833, 0.3325,
0.3362

 10.3848, 0.3693,
0.3479

285.3097, 0.3312,
0.3358

 5.6548, 0.3822,
0.3514

340.5604, 0.3302,

 2.6363, 0.4025,

0.3355

0.3564

402.5196, 0.3292,
0.3351

0.9450, 0.4561,
0.3773

0.0000, 1.0000,
0.0000

73.1608, 0.3420,
0.3395

73.1608, 0.3420,
0.3395

63.1330, 0.3648,
0.3464

84.4432, 0.3230,
0.3329

54.3064, 0.3919,
0.3535

96.9985, 0.3072,
0.3270

46.6381, 0.4236,
0.3601

98.3303, 0.3072,
0.3290

40.0790, 0.4597,
0.3656

■ 34.5761, 0.4988,
0.3689

■ 30.0722, 0.5383,
0.3690

■ 26.5037, 0.5741,
0.3650

■ 23.7990, 0.6020,
0.3569

■ 22.9849, 0.6105,
0.3535

Harmonies

Analogous

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



73.1608, 0.3360, 0.3267



73.1608, 0.3420, 0.3395



73.1608, 0.3399, 0.3500

Triad

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



73.1608, 0.3420, 0.3395



73.1608, 0.3016, 0.3440



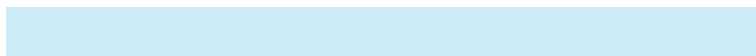
73.1608, 0.2949, 0.3038

Complementary

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



73.1608, 0.3420, 0.3395



79.7594, 0.2876, 0.3183

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.



73.1608, 0.2861, 0.3077



73.1608, 0.3420, 0.3395



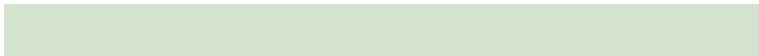
73.1608, 0.2899, 0.3307

Square

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



73.1608, 0.3420, 0.3395



73.1608, 0.3164, 0.3530



73.1608, 0.2843, 0.3174



73.1608, 0.3085, 0.3064

Rectangle

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



73.1608, 0.3420, 0.3395



73.1608, 0.3343, 0.3541



73.1608, 0.2843, 0.3174



73.1608, 0.2913, 0.3044

Sweetspot

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



73.1641, 0.3420, 0.3395



93.2568, 0.3208, 0.3321



69.7938, 0.3216, 0.2984



19.7640, 0.3220, 0.3326



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.



73.1641, 0.3420, 0.3395



75.1203, 0.3502, 0.3421



84.0335, 0.3387, 0.3597



17.1559, 0.3287, 0.3350



12.4563, 0.6077, 0.3556



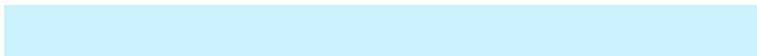
1.2516, 0.5837, 0.3748

Inverse Universe

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



79.7594, 0.2876, 0.3183



83.7062, 0.2818, 0.3155



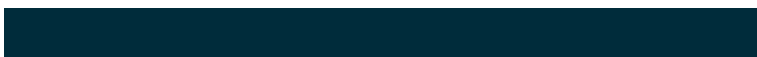
68.8904, 0.2867, 0.2963



18.0147, 0.2980, 0.3229



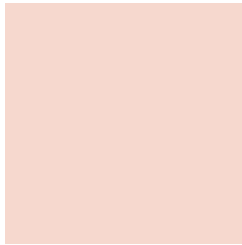
22.1869, 0.2016, 0.2459



2.1120, 0.2049, 0.2575

Previews

White Background



This preview shows how the Yxy color 73.1608, 0.3420, 0.3395 looks on a white background.

Color Contrast Check

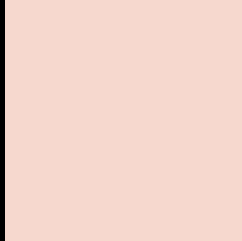
Large Text (above 18pt) WCAG AA × Fail

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 73.1608, 0.3420, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

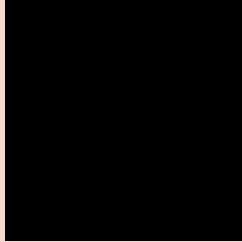
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.1608, 0.3420, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 73.1608, 0.3420, 0.3395.

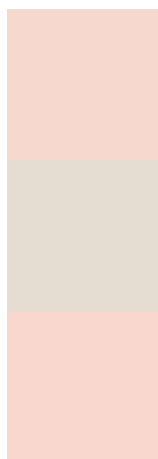


This preview shows how white text looks on a background with the Yxy color 73.1608, 0.3420, 0.3395.

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

73.1608, 0.3420, 0.3395

Protanopia

72.9744, 0.3265, 0.3420

Deuteranopia

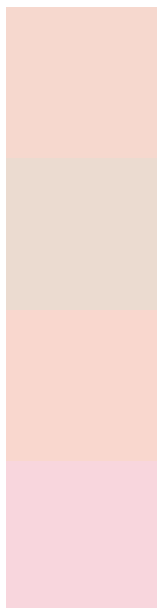
73.3811, 0.3452, 0.3384



Tritanopia

73.3854, 0.3282, 0.3128

Trichromacy



Original Color

73.1608, 0.3420, 0.3395

Protanomaly

72.8793, 0.3319, 0.3408

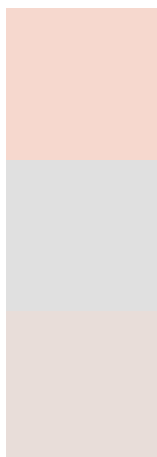
Deuteranomaly

73.1968, 0.3445, 0.3384

Tritanomaly

73.2701, 0.3330, 0.3219

Monochromacy



Original Color

73.1608, 0.3420, 0.3395

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.8785, 0.3233, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1608, 0.3420, 0.3395 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(246, 216, 206)` looks like.

```
.text, #text, p{  
    color:rgb(246, 216, 206)  
}
```

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(246, 216, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 216, 206) }
```

Border

The CSS property to change the border of an element to Yxy 73.1608, 0.3420, 0.3395 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(246, 216, 206) }
```

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

```
.border{ border-color:rgb(246, 216, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 216, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 216, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 216, 206);  
box-shadow:4px 4px 4px 4px rgb(246, 216,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1608, 0.3420, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 216, 206) }
```

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

```
.background{ background-color: rgb(246,  
216, 206) }
```

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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