

Converting Colors

$Y_{xy}(70.2860, 0.3452, 0.3291)$

Have a look what the booklet for
Yxy(70.2860, 0.3452, 0.3291)
contains.

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Color

Yxy(70.1750, 0.3457, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	FBD0D0
RGB	251, 208, 208
RGB Percent	98%, 82%, 82%
CMY	0.0159, 0.1842, 0.1843
CMYK	0.00, 0.17, 0.17, 0.02
HSL	0°, 84%, 90%
HSV	0°, 17%, 98%
XYZ	73.7147, 70.1750, 69.3434
YIQ	220.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

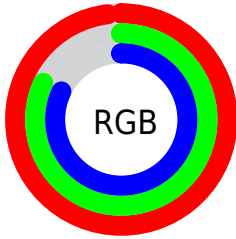
Format	Color
R _Y B	251, 208, 208
Decimal	16502992
CIE Lab	87.08, 15.06, 5.66
CIE LCh	87, 16.089, 20.583
Yxy	70.1750, 0.3457, 0.3291
Android (android.graphics.Color)	4294693072 (0xFFFB0D0D)
YUV	220.8570, -6.3385, 26.4354
Hunter-Lab	83.7705, 10.4744, 9.5604

Details

The Yxy color **70.1750, 0.3457, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.3394, 0.2868, 0.3289**, and the grayscale version is **72.2327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9136, 0.3534, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **57.7543, 0.3718, 0.3292**, and if you desaturate by 10%, it is **84.7331, 0.3249, 0.3290**.

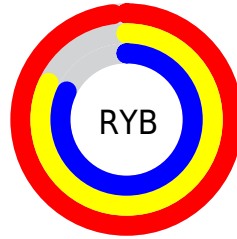
Distribution



Red (98%)

Green (82%)

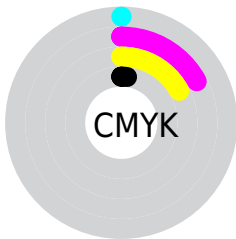
Blue (82%)



Red (98%)

Yellow (82%)

Blue (82%)

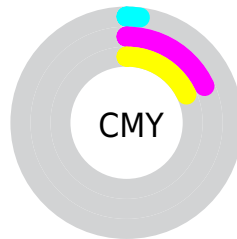


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (2%)



Cyan (2%)


Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1750, 0.3457, 0.3291 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 70.1750, 0.3457, 0.3291 by changing the saturation by 10% instead.


 70.1750, 0.3457,
0.3291

 70.1750, 0.3457,
0.3291

461.1642, 0.3302,
0.3292

 51.6692, 0.3493,
0.3290


119.4583, 0.3403,
0.3292

 36.7415, 0.3537,
0.3289

151.0046, 0.3382,
0.3292

 25.0074, 0.3594,
0.3287


187.6665, 0.3364,
0.3292

 16.0826, 0.3669,
0.3284

229.8284, 0.3348,
0.3292

 9.5826, 0.3773,
0.3279

277.8748, 0.3335,
0.3292

 5.1231, 0.3925,
0.3268


332.1899, 0.3323,


 2.3197, 0.4170,


0.3292


0.3246


393.1583, 0.3312,
0.3292


 0.7841, 0.4792,
0.3287


 0.0000, 1.0000,
0.0000


 70.1750, 0.3457,
0.3291


 70.1750, 0.3457,
0.3291


 57.7543, 0.3718,
0.3292

 84.7331, 0.3249,
0.3290

 47.3616, 0.4041,
0.3293

 99.2415, 0.3102,
0.3290

 38.8921, 0.4433,
0.3294

 32.2278, 0.4886,
0.3295

■ 27.2379, 0.5371,
0.3297

■ 23.7737, 0.5827,
0.3298

■ 21.6608, 0.6178,
0.3299

■ 20.6754, 0.6366,
0.3300

■ 20.5022, 0.6401,
0.3300

Harmonies

Analogous

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



70.1750, 0.3306, 0.3131



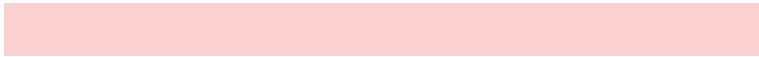
70.1750, 0.3457, 0.3291



70.1750, 0.3517, 0.3456

Triad

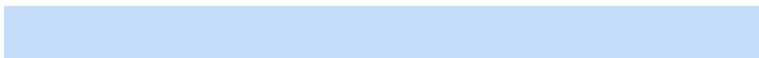
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.1750, 0.3457, 0.3291



70.1750, 0.3135, 0.3591



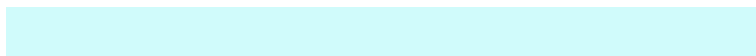
70.1750, 0.2795, 0.2993

Complementary

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



70.1750, 0.3457, 0.3291



89.3394, 0.2868, 0.3289

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.



70.1750, 0.2753, 0.3106



70.1750, 0.3457, 0.3291



70.1750, 0.2945, 0.3456

Square

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



70.1750, 0.3457, 0.3291



70.1750, 0.3327, 0.3637



70.1750, 0.2807, 0.3275



70.1750, 0.2923, 0.2961

Rectangle

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



70.1750, 0.3457, 0.3291



70.1750, 0.3496, 0.3548



70.1750, 0.2807, 0.3275



70.1750, 0.2770, 0.3022

Sweetspot

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



70.1782, 0.3457, 0.3291



91.3400, 0.3211, 0.3290



72.5831, 0.3147, 0.2865



19.3001, 0.3223, 0.3290



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

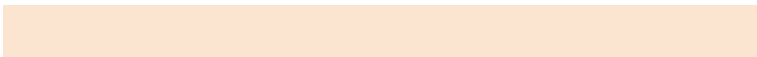
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.1782, 0.3457, 0.3291



67.4848, 0.3552, 0.3291



81.3647, 0.3420, 0.3509



17.2256, 0.3294, 0.3291



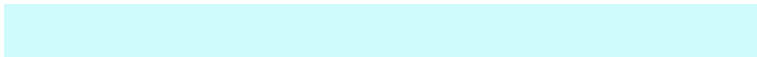
10.7810, 0.6401, 0.3300



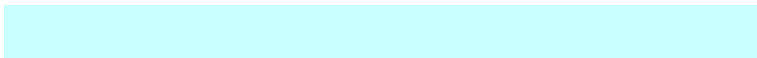
0.9986, 0.6400, 0.3300

Inverse Universe

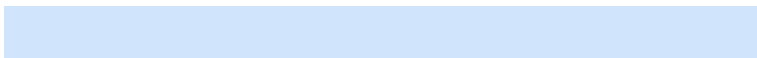
The Inverse Universe completely reimagines the original color for something new.



89.3394, 0.2868, 0.3289



91.2156, 0.2813, 0.3289



76.6829, 0.2857, 0.3061



19.6082, 0.2980, 0.3290



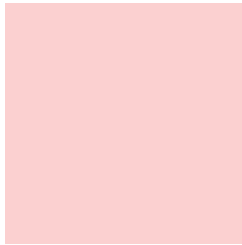
39.9171, 0.2246, 0.3287



3.6971, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 70.1750, 0.3457, 0.3291 looks on a white background.

Color Contrast Check

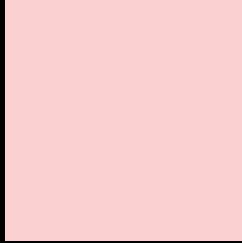
Large Text (above 18pt) WCAG AA × Fail

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 70.1750, 0.3457, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

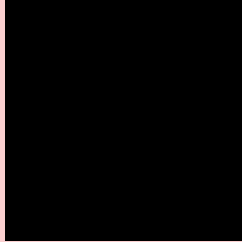
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.1750, 0.3457, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 70.1750, 0.3457, 0.3291.

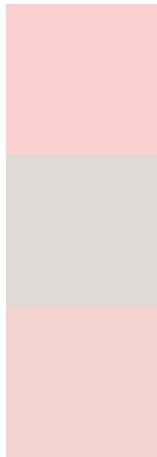


This preview shows how white text looks on a background with the Yxy color 70.1750, 0.3457, 0.3291.

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

70.1750, 0.3457, 0.3291

Protanopia

70.1178, 0.3198, 0.3334

Deuteranopia

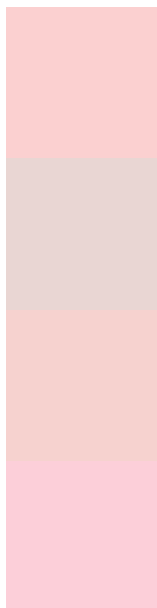
70.1482, 0.3398, 0.3333



Tritanopia

70.2992, 0.3371, 0.3128

Trichromacy



Original Color

70.1750, 0.3457, 0.3291

Protanomaly

70.1199, 0.3289, 0.3323

Deuteranomaly

70.1910, 0.3423, 0.3322

Tritanomaly

70.3308, 0.3399, 0.3188

Monochromacy



Original Color

70.1750, 0.3457, 0.3291

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.2254, 0.3244, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1750, 0.3457, 0.3291 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(251, 208, 208)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 208)  
}
```

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(251, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 208) }
```

Border

The CSS property to change the border of an element to Yxy 70.1750, 0.3457, 0.3291 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(251, 208, 208) }
```

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

```
.border{ border-color:rgb(251, 208, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 208);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1750, 0.3457, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 208) }
```

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

```
.background{ background-color: rgb(251,  
208, 208) }
```

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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