

Converting Colors

$Y_{xy}(70.7868, 0.3329, 0.3210)$

Have a look what the booklet for
Yxy(70.7868, 0.3329, 0.3210)
contains.

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Color

Yxy(71.0630, 0.3333, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	F5D3DA
RGB	245, 211, 218
RGB Percent	96%, 83%, 85%
CMY	0.0392, 0.1725, 0.1451
CMYK	0.00, 0.14, 0.11, 0.04
HSL	348°, 63%, 89%
HSV	348°, 14%, 96%
XYZ	73.6025, 71.0630, 76.1642
YIQ	221.9640, 18.0170, 9.3850

Conversions

Conversions Part 2

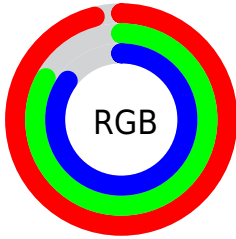
Format	Color
R _Y B	245, 211, 218
Decimal	16110554
CIE Lab	87.52, 12.96, 0.94
CIE LCh	88, 12.996, 4.131
Yxy	71.0630, 0.3333, 0.3218
Android (android.graphics.Color)	4294300634 (0xFFF5D3DA)
YUV	221.9640, -1.9543, 20.2026
Hunter-Lab	84.2989, 8.3279, 5.4406

Details

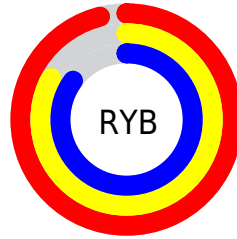
The Yxy color **71.0630, 0.3333, 0.3218** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.3234, 0.2954, 0.3363**, and the grayscale version is **73.0260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1126, 0.3380, 0.3197** is the 20% darker color. If you saturate the color by 10%, you get **58.8463, 0.3524, 0.3163**, and if you desaturate by 10%, it is **85.2607, 0.3179, 0.3271**.

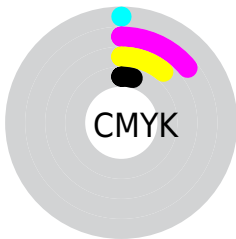
Distribution



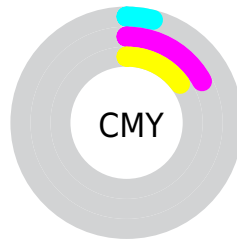
- Red (96%)
- Green (83%)
- Blue (85%)



- Red (96%)
- Yellow (83%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (4%)




- Cyan (4%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0630, 0.3333, 0.3218 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 71.0630, 0.3333, 0.3218 by changing the saturation by 10% instead.


 71.0630, 0.3333,
0.3218

 71.0630, 0.3333,
0.3218


464.2736, 0.3237,
0.3252

 52.3936, 0.3355,
0.3210


120.7234, 0.3300,
0.3230

 37.3189, 0.3382,
0.3200


152.4833, 0.3287,
0.3234

 25.4545, 0.3417,
0.3188


189.3753, 0.3276,
0.3238

 16.4160, 0.3463,
0.3171

231.7841, 0.3266,
0.3242

 9.8190, 0.3526,
0.3149

280.0939, 0.3257,
0.3245

 5.2791, 0.3618,
0.3115

334.6892, 0.3250,

 2.4119, 0.3765,

0.3247

0.3061

395.9543, 0.3243,
0.3250

0.8320, 0.4045,
0.2962

0.0000, 1.0000,
0.0000

71.0630, 0.3333,
0.3218

71.0630, 0.3333,
0.3218

58.8463, 0.3524,
0.3163

85.2607, 0.3179,
0.3271

48.5133, 0.3760,
0.3106

98.1510, 0.3066,
0.3290

39.9728, 0.4046,
0.3052

33.1221, 0.4386,
0.3007

■ 27.8480, 0.4773,
0.2979

■ 24.0235, 0.5187,
0.2978

■ 21.5018, 0.5590,
0.3012

■ 20.1043, 0.5931,
0.3081

■ 19.6446, 0.6097,
0.3132

Harmonies

Analogous

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



71.0630, 0.3187, 0.3103



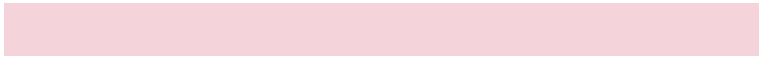
71.0630, 0.3333, 0.3218



71.0630, 0.3424, 0.3354

Triad

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



71.0630, 0.3333, 0.3218



71.0630, 0.3221, 0.3561



71.0630, 0.2830, 0.3094

Complementary

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



71.0630, 0.3333, 0.3218



85.3234, 0.2954, 0.3363

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.



71.0630, 0.2839, 0.3214



71.0630, 0.3333, 0.3218



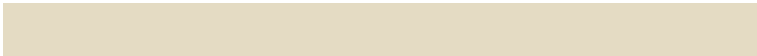
71.0630, 0.3062, 0.3489

Square

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



71.0630, 0.3333, 0.3218



71.0630, 0.3358, 0.3555



71.0630, 0.2923, 0.3360



71.0630, 0.2898, 0.3030

Rectangle

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



71.0630, 0.3333, 0.3218



71.0630, 0.3440, 0.3440



71.0630, 0.2923, 0.3360



71.0630, 0.2824, 0.3129

Sweetspot

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



71.0662, 0.3333, 0.3218



93.1529, 0.3181, 0.3270



71.2984, 0.3090, 0.2941



19.6716, 0.3191, 0.3266



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

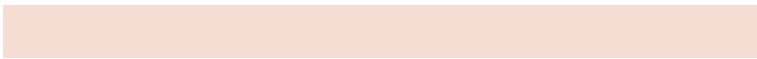
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0662, 0.3333, 0.3218



73.3694, 0.3389, 0.3201



75.6365, 0.3370, 0.3391



16.5382, 0.3261, 0.3242



10.5996, 0.6061, 0.3112



0.9458, 0.5726, 0.2928

Inverse Universe

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



71.0662, 0.3333, 0.3218



73.3694, 0.3389, 0.3201



80.0674, 0.2912, 0.3187



16.5382, 0.3261, 0.3242



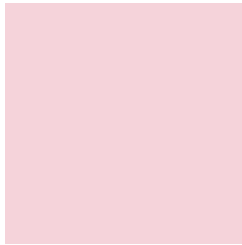
10.5996, 0.6061, 0.3112



0.9458, 0.5726, 0.2928

Previews

White Background



This preview shows how the Yxy color 71.0630, 0.3333, 0.3218 looks on a white background.

Color Contrast Check

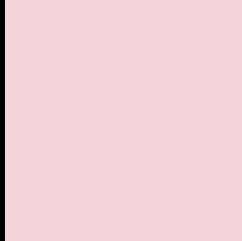
Large Text (above 18pt) WCAG AA × Fail

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 71.0630, 0.3333, 0.3218 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 71.0630, 0.3333, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 71.0630, 0.3333, 0.3218.

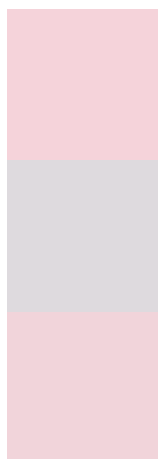


This preview shows how white text looks on a background with the Yxy color 71.0630, 0.3333, 0.3218.

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

71.0630, 0.3333, 0.3218

Protanopia

70.9463, 0.3129, 0.3247

Deuteranopia

70.8497, 0.3302, 0.3228



Tritanopia

71.1770, 0.3284, 0.3126

Trichromacy



Original Color

71.0630, 0.3333, 0.3218

Protanomaly

70.6443, 0.3196, 0.3226

Deuteranomaly

71.0262, 0.3309, 0.3228

Tritanomaly

71.0137, 0.3306, 0.3156

Monochromacy



Original Color

71.0630, 0.3333, 0.3218

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.1863, 0.3194, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0630, 0.3333, 0.3218 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(245, 211, 218)` looks like.

```
.text, #text, p{  
    color:rgb(245, 211, 218)  
}
```

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(245, 211, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 211, 218) }
```

Border

The CSS property to change the border of an element to Yxy 71.0630, 0.3333, 0.3218 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(245, 211, 218) }
```

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

```
.border{ border-color:rgb(245, 211, 218) }
```

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

Here you see how a box with a 4 pixel rgb(245, 211, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 211, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 211, 218);  
box-shadow:4px 4px 4px 4px rgb(245, 211,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0630, 0.3333, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 211, 218) }
```

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

```
.background{ background-color: rgb(245,  
211, 218) }
```

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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