

Converting Colors

$Yxy(71.9658, 0.3358, 0.3255)$

Have a look what the booklet for
Yxy(71.9658, 0.3358, 0.3255)
contains.

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Color

Yxy(71.8190, 0.3361, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	F7D4D8
RGB	247, 212, 216
RGB Percent	97%, 83%, 85%
CMY	0.0314, 0.1686, 0.1528
CMYK	0.00, 0.14, 0.13, 0.03
HSL	353°, 69%, 90%
HSV	353°, 14%, 97%
XYZ	74.2948, 71.8190, 74.9358
YIQ	222.9210, 19.5760, 8.6640

Conversions

Conversions Part 2

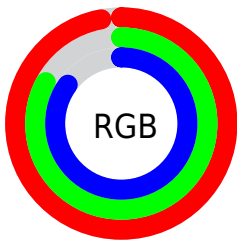
Format	Color
R _Y B	247, 212, 216
Decimal	16241880
CIE Lab	87.88, 12.82, 2.53
CIE LCh	88, 13.067, 11.149
Yxy	71.8190, 0.3361, 0.3249
Android (android.graphics.Color)	4294431960 (0xFFF7D4D8)
YUV	222.9210, -3.4121, 21.1173
Hunter-Lab	84.7461, 8.1808, 6.8957

Details

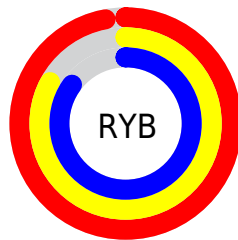
The Yxy color **71.8190, 0.3361, 0.3249** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.9778, 0.2933, 0.3332**, and the grayscale version is **73.7493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6343, 0.3417, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **59.3468, 0.3576, 0.3218**, and if you desaturate by 10%, it is **86.3366, 0.3188, 0.3278**.

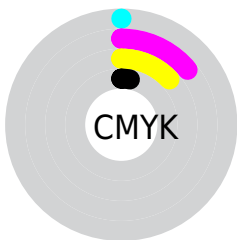
Distribution



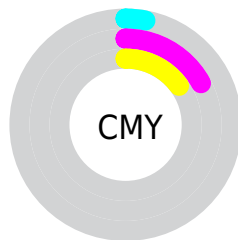
- Red (97%)
- Green (83%)
- Blue (85%)



- Red (97%)
- Yellow (83%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.8190, 0.3361, 0.3249 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 71.8190, 0.3361, 0.3249 by changing the saturation by 10% instead.


 71.8190, 0.3361,
0.3249

 71.8190, 0.3361,
0.3249


466.9114, 0.3252,
0.3269

 53.0108, 0.3386,
0.3244


121.7992, 0.3323,
0.3256

 37.8114, 0.3417,
0.3238


153.7399, 0.3308,
0.3259

 25.8364, 0.3457,
0.3231


190.8271, 0.3296,
0.3261

 16.7013, 0.3509,
0.3220

233.4449, 0.3285,
0.3263

 10.0217, 0.3580,
0.3206

281.9778, 0.3275,
0.3265

 5.4134, 0.3685,
0.3184

336.8103, 0.3267,

 2.4918, 0.3851,

0.3266

0.3148

398.3267, 0.3259,
0.3268

0.8725, 0.4175,
0.3088

0.0000, 1.0000,
0.0000

71.8190, 0.3361,
0.3249

71.8190, 0.3361,
0.3249

59.3468, 0.3576,
0.3218

86.3366, 0.3188,
0.3278

48.8191, 0.3842,
0.3187

98.5110, 0.3078,
0.3290

40.1406, 0.4167,
0.3158

33.2043, 0.4552,
0.3135

■ 27.8923, 0.4986,
0.3123

■ 24.0719, 0.5437,
0.3130

■ 21.5895, 0.5850,
0.3159

■ 20.2581, 0.6163,
0.3208

■ 19.8570, 0.6286,
0.3237

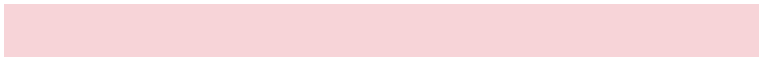
Harmonies

Analogous

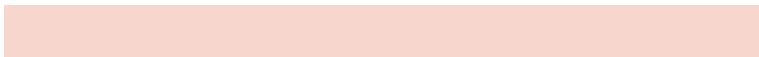
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.8190, 0.3224, 0.3126



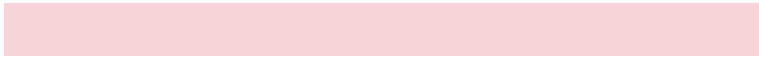
71.8190, 0.3361, 0.3249



71.8190, 0.3434, 0.3385

Triad

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



71.8190, 0.3361, 0.3249



71.8190, 0.3185, 0.3551



71.8190, 0.2839, 0.3073

Complementary

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



71.8190, 0.3361, 0.3249



86.9778, 0.2933, 0.3332

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.



71.8190, 0.2830, 0.3182



71.8190, 0.3361, 0.3249



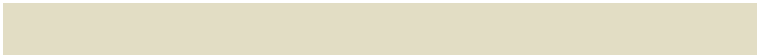
71.8190, 0.3026, 0.3463

Square

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



71.8190, 0.3361, 0.3249



71.8190, 0.3330, 0.3564



71.8190, 0.2897, 0.3326



71.8190, 0.2924, 0.3024

Rectangle

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



71.8190, 0.3361, 0.3249



71.8190, 0.3436, 0.3467



71.8190, 0.2897, 0.3326



71.8190, 0.2827, 0.3104

Sweetspot

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



71.8222, 0.3361, 0.3249



93.0961, 0.3186, 0.3279



72.8431, 0.3114, 0.2936



19.6573, 0.3198, 0.3277



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.



71.8222, 0.3361, 0.3249



73.1633, 0.3418, 0.3240



78.6004, 0.3370, 0.3428



16.5135, 0.3276, 0.3263



10.5137, 0.6261, 0.3223



0.9339, 0.6002, 0.3080

Inverse Universe

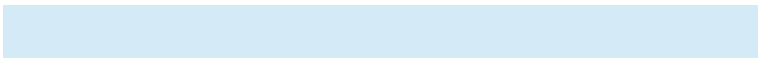
The Inverse Universe completely reimagines the original color for something new.



71.8222, 0.3361, 0.3249



73.1633, 0.3418, 0.3240



79.3173, 0.2907, 0.3148



16.5135, 0.3276, 0.3263



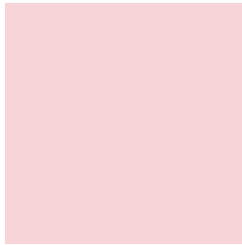
10.5137, 0.6261, 0.3223



0.9339, 0.6002, 0.3080

Previews

White Background



This preview shows how the Yxy color 71.8190, 0.3361, 0.3249 looks on a white background.

Color Contrast Check

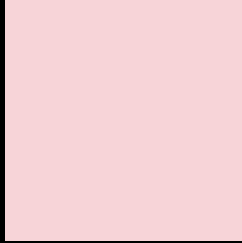
Large Text (above 18pt) WCAG AA × Fail

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 71.8190, 0.3361, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

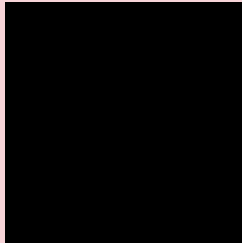
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.8190, 0.3361, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 71.8190, 0.3361, 0.3249.

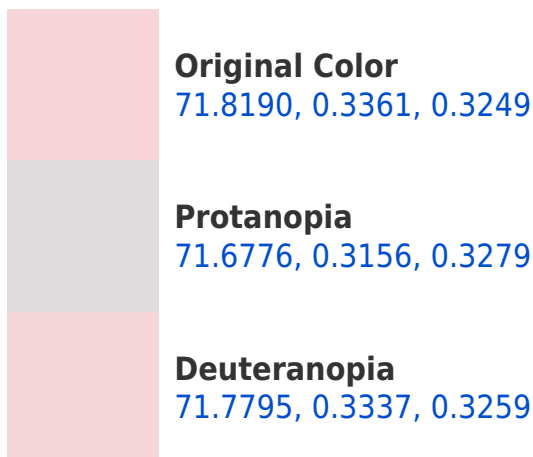


This preview shows how white text looks on a background with the Yxy color 71.8190, 0.3361, 0.3249.

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





Tritanopia

71.5957, 0.3292, 0.3117

Trichromacy



Original Color

71.8190, 0.3361, 0.3249

Protanomaly

71.3820, 0.3224, 0.3258

Deuteranomaly

71.9588, 0.3345, 0.3259

Tritanomaly

71.8727, 0.3320, 0.3167

Monochromacy



Original Color

71.8190, 0.3361, 0.3249

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.9861, 0.3214, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8190, 0.3361, 0.3249 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(247, 212, 216)` looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 216)  
}
```

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(247, 212, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 216) }
```

Border

The CSS property to change the border of an element to Yxy 71.8190, 0.3361, 0.3249 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(247, 212, 216) }
```

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

```
.border{ border-color:rgb(247, 212, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 212, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 216);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8190, 0.3361, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 212, 216) }
```

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

```
.background{ background-color: rgb(247,  
212, 216) }
```

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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