

Converting Colors

$Y_{xy}(70.5772, 0.3365, 0.3141)$

Have a look what the booklet for
Yxy(70.5772, 0.3365, 0.3141)
contains.

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Color

Yxy(70.5950, 0.3362, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	FCCFDE
RGB	252, 207, 222
RGB Percent	99%, 81%, 87%
CMY	0.0119, 0.1882, 0.1295
CMYK	0.00, 0.18, 0.12, 0.01
HSL	340°, 88%, 90%
HSV	340°, 18%, 99%
XYZ	75.6343, 70.5950, 78.7388
YIQ	222.1650, 22.0050, 14.2050

Conversions

Conversions Part 2

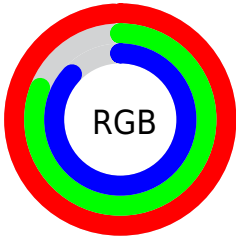
Format	Color
R _Y B	252, 207, 222
Decimal	16568286
CIE Lab	87.29, 18.13, -1.43
CIE LCh	87, 18.187, 355.475
Yxy	70.5950, 0.3362, 0.3138
Android (android.graphics.Color)	4294758366 (0xFFFCFDE)
YUV	222.1650, -0.0813, 26.1653
Hunter-Lab	84.0208, 13.6466, 3.2519

Details

The Yxy color **70.5950, 0.3362, 0.3138** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.9876, 0.2938, 0.3448**, and the grayscale version is **73.1587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1746, 0.3417, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **58.4895, 0.3536, 0.3047**, and if you desaturate by 10%, it is **84.7449, 0.3220, 0.3225**.

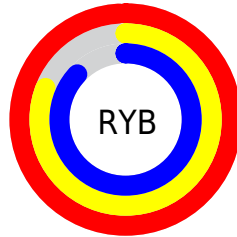
Distribution



Red (99%)

Green (81%)

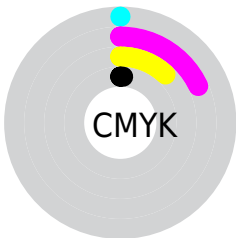
Blue (87%)



Red (99%)

Yellow (81%)

Blue (87%)

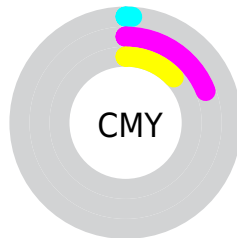


Cyan (0%)

Magenta (18%)

Yellow (12%)

Black (1%)



Cyan (1%)


Magenta (19%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.5950, 0.3362, 0.3138 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 70.5950, 0.3362, 0.3138 by changing the saturation by 10% instead.


 70.5950, 0.3362,
0.3138

 70.5950, 0.3362,
0.3138


462.6364, 0.3253,
0.3208

 52.0118, 0.3387,
0.3122


120.0569, 0.3324,
0.3162

 37.0144, 0.3418,
0.3102


151.7043, 0.3309,
0.3172

 25.2187, 0.3457,
0.3077


188.4752, 0.3297,
0.3180

 16.2401, 0.3509,
0.3044

230.7541, 0.3286,
0.3187

 9.6942, 0.3580,
0.2999

278.9252, 0.3276,
0.3193

 5.1967, 0.3683,
0.2934

333.3731, 0.3267,

 2.3631, 0.3847,

0.3199

0.2832

394.4820, 0.3260,
0.3204

0.8068, 0.4148,
0.2644

0.0000, 1.0000,
0.0000

70.5950, 0.3362,
0.3138

70.5950, 0.3362,
0.3138

58.4895, 0.3536,
0.3047

84.7449, 0.3220,
0.3225

48.3242, 0.3747,
0.2956

99.4308, 0.3108,
0.3290

39.9998, 0.3999,
0.2871

33.4045, 0.4294,
0.2801

■ 28.4139, 0.4624,
0.2756

■ 24.8872, 0.4975,
0.2751

■ 22.6584, 0.5320,
0.2795

■ 21.5058, 0.5628,
0.2886

■ 21.3296, 0.5690,
0.2908

Harmonies

Analogous

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



70.5950, 0.3144, 0.2995



70.5950, 0.3362, 0.3138



70.5950, 0.3519, 0.3321

Triad

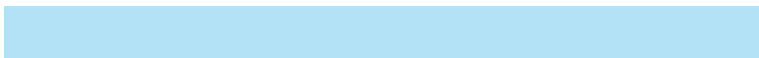
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.5950, 0.3362, 0.3138



70.5950, 0.3318, 0.3682



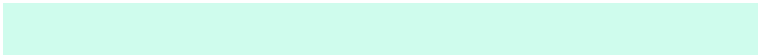
70.5950, 0.2707, 0.3055

Complementary

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



70.5950, 0.3362, 0.3138



88.9876, 0.2938, 0.3448

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.



70.5950, 0.2750, 0.3238



70.5950, 0.3362, 0.3138



70.5950, 0.3098, 0.3612

Square

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



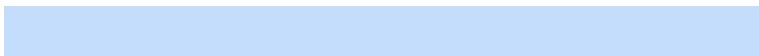
70.5950, 0.3362, 0.3138



70.5950, 0.3491, 0.3638



70.5950, 0.2891, 0.3446



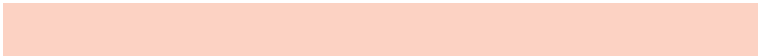
70.5950, 0.2770, 0.2943

Rectangle

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



70.5950, 0.3362, 0.3138



70.5950, 0.3564, 0.3445



70.5950, 0.2891, 0.3446



70.5950, 0.2709, 0.3110

Sweetspot

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



70.5982, 0.3362, 0.3138



91.5975, 0.3185, 0.3249



69.6633, 0.3040, 0.2831



19.3624, 0.3193, 0.3243



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

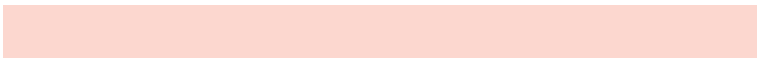
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.5982, 0.3362, 0.3138



68.3729, 0.3413, 0.3110



73.5484, 0.3461, 0.3368



17.3206, 0.3241, 0.3211



11.1376, 0.5646, 0.2884



1.0503, 0.5312, 0.2700

Inverse Universe

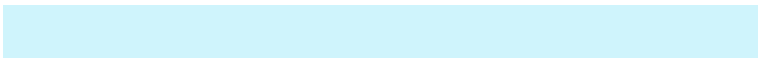
The Inverse Universe completely reimagines the original color for something new.



70.5982, 0.3362, 0.3138



68.3729, 0.3413, 0.3110



85.2865, 0.2854, 0.3211



17.3206, 0.3241, 0.3211



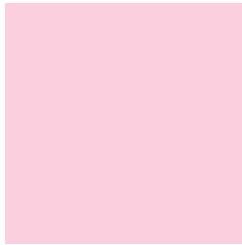
11.1376, 0.5646, 0.2884



1.0503, 0.5312, 0.2700

Previews

White Background



This preview shows how the Yxy color 70.5950, 0.3362, 0.3138 looks on a white background.

Color Contrast Check

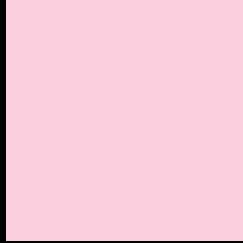
Large Text (above 18pt) WCAG AA × Fail

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 70.5950, 0.3362, 0.3138 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 70.5950, 0.3362, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 70.5950, 0.3362, 0.3138.



This preview shows how white text looks on a background with the Yxy color 70.5950, 0.3362, 0.3138.

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

70.6488, 0.3355, 0.3128

Trichromacy



Original Color

70.5950, 0.3362, 0.3138

Protanomaly

70.7399, 0.3177, 0.3163

Deuteranomaly

70.5467, 0.3305, 0.3176

Tritanomaly

70.6488, 0.3355, 0.3128

Monochromacy



Original Color

70.5950, 0.3362, 0.3138

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.2233, 0.3209, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5950, 0.3362, 0.3138 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(252, 207, 222)` looks like.

```
.text, #text, p{  
    color:rgb(252, 207, 222)  
}
```

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(252, 207, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 207, 222) }
```

Border

The CSS property to change the border of an element to Yxy 70.5950, 0.3362, 0.3138 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(252, 207, 222) }
```

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

```
.border{ border-color:rgb(252, 207, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 207, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 207, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 207, 222);  
box-shadow:4px 4px 4px 4px rgb(252, 207,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5950, 0.3362, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 207, 222) }
```

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

```
.background{ background-color: rgb(252,  
207, 222) }
```

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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