

Converting Colors

$Yxy(72.5458, 0.3359, 0.3149)$

Have a look what the booklet for
Yxy(72.5458, 0.3359, 0.3149)
contains.

Yxy(72.5458, 0.3359, 0.3149)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.5458, 0.3359, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	FED2E0
RGB	254, 210, 224
RGB Percent	100%, 82%, 88%
CMY	0.0038, 0.1765, 0.1215
CMYK	0.00, 0.17, 0.12, 0.00
HSL	341°, 96%, 91%
HSV	341°, 17%, 100%
XYZ	77.3837, 72.5458, 80.4477
YIQ	224.7520, 21.7300, 13.6820

Conversions

Conversions Part 2

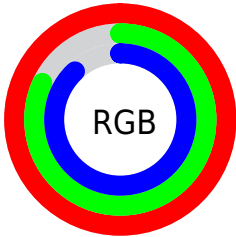
Format	Color
R_{YB}	254, 210, 224
Decimal	16700128
CIE Lab	88.23, 17.61, -1.10
CIE LCh	88, 17.646, 356.430
Yxy	72.5458, 0.3359, 0.3149
Android (android.graphics.Color)	4294890208 (0xFF FED2E0)
YUV	224.7520, -0.3707, 25.6505
Hunter-Lab	85.1738, 13.1200, 3.6215

Details

The Yxy color **72.5458, 0.3359, 0.3149** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.8988, 0.2939, 0.3436**, and the grayscale version is **75.1028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1776, 0.3413, 0.3109** is the 20% darker color. If you saturate the color by 10%, you get **60.0932, 0.3535, 0.3062**, and if you desaturate by 10%, it is **87.0915, 0.3215, 0.3232**.

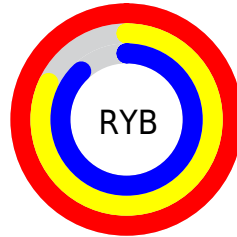
Distribution



Red (100%)

Green (82%)

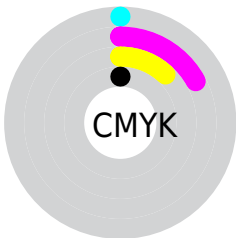
Blue (88%)



Red (100%)

Yellow (82%)

Blue (88%)

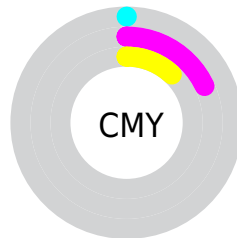


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (18%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5458, 0.3359, 0.3149 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 72.5458, 0.3359, 0.3149 by changing the saturation by 10% instead.

 72.5458, 0.3359,
0.3149

 72.5458, 0.3359,
0.3149


469.4391, 0.3252,
0.3214

 53.6047, 0.3384,
0.3134


122.8322, 0.3322,
0.3172

 38.2857, 0.3414,
0.3116


154.9462, 0.3307,
0.3180

 26.2045, 0.3452,
0.3093


192.2200, 0.3295,
0.3188

 16.9767, 0.3503,
0.3063

235.0380, 0.3284,
0.3194

 10.2179, 0.3571,
0.3022

283.7845, 0.3274,
0.3200

 5.5436, 0.3670,
0.2962

338.8439, 0.3266,

 2.5696, 0.3826,

0.3205

0.2870

400.6006, 0.3259,
0.3210

■ 0.9114, 0.4107,
0.2707

■ 0.0000, 1.0000,
0.0000

■ 72.5458, 0.3359,
0.3149

■ 72.5458, 0.3359,
0.3149

■ 60.0932, 0.3535,
0.3062

■ 87.0915, 0.3215,
0.3232

■ 49.6275, 0.3749,
0.2975

99.8174, 0.3121,
0.3290

■ 41.0476, 0.4006,
0.2894

■ 34.2398, 0.4307,
0.2826

■ 29.0777, 0.4644,
0.2783

■ 25.4185, 0.5004,
0.2779

■ 23.0939, 0.5356,
0.2821

■ 21.8871, 0.5670,
0.2912

■ 21.6688, 0.5746,
0.2939

Harmonies

Analogous

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



72.5458, 0.3151, 0.3009



72.5458, 0.3359, 0.3149



72.5458, 0.3507, 0.3326

Triad

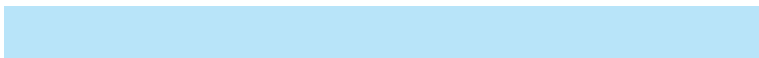
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5458, 0.3359, 0.3149



72.5458, 0.3305, 0.3666



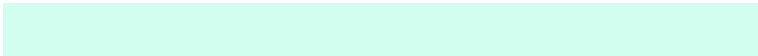
72.5458, 0.2723, 0.3060

Complementary

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



72.5458, 0.3359, 0.3149



90.8988, 0.2939, 0.3436

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.



72.5458, 0.2761, 0.3235



72.5458, 0.3359, 0.3149



72.5458, 0.3093, 0.3596

Square

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



72.5458, 0.3359, 0.3149



72.5458, 0.3473, 0.3628



72.5458, 0.2895, 0.3434



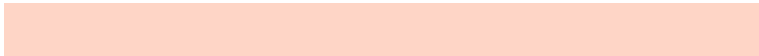
72.5458, 0.2787, 0.2954

Rectangle

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



72.5458, 0.3359, 0.3149



72.5458, 0.3548, 0.3445



72.5458, 0.2895, 0.3434



72.5458, 0.2724, 0.3112

Sweetspot

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



72.5490, 0.3359, 0.3149



91.5858, 0.3186, 0.3251



71.6600, 0.3043, 0.2845



19.3596, 0.3194, 0.3245



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

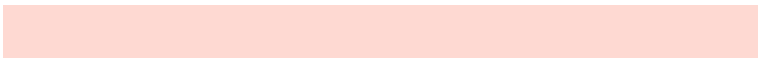
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5490, 0.3359, 0.3149



68.3309, 0.3420, 0.3118



75.5277, 0.3450, 0.3366



18.0823, 0.3244, 0.3215



11.4441, 0.5703, 0.2915



1.1331, 0.5384, 0.2739

Inverse Universe

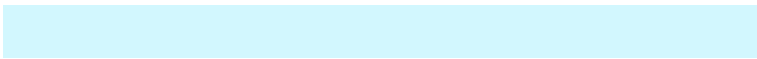
The Inverse Universe completely reimagines the original color for something new.



72.5490, 0.3359, 0.3149



68.3309, 0.3420, 0.3118



87.1933, 0.2861, 0.3213



18.0823, 0.3244, 0.3215



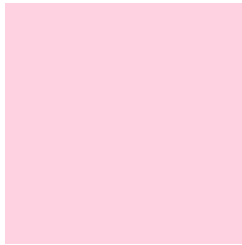
11.4441, 0.5703, 0.2915



1.1331, 0.5384, 0.2739

Previews

White Background



This preview shows how the Yxy color 72.5458, 0.3359, 0.3149 looks on a white background.

Color Contrast Check

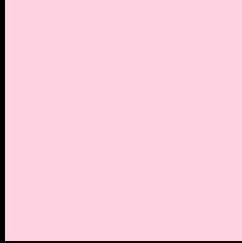
Large Text (above 18pt) WCAG AA × Fail

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 72.5458, 0.3359, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

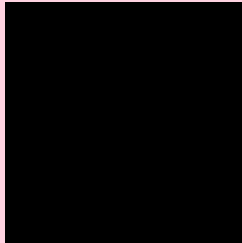
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.5458, 0.3359, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 72.5458, 0.3359, 0.3149.



This preview shows how white text looks on a background with the Yxy color 72.5458, 0.3359, 0.3149.

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

72.5458, 0.3359, 0.3149

Protanopia

72.5875, 0.3083, 0.3183

Deuteranopia

72.8058, 0.3270, 0.3207



Tritanopia

72.6550, 0.3344, 0.3129

Trichromacy



Original Color

72.5458, 0.3359, 0.3149

Protanomaly

72.2056, 0.3176, 0.3164

Deuteranomaly

72.5090, 0.3302, 0.3188

Tritanomaly

72.6003, 0.3351, 0.3139

Monochromacy



Original Color

72.5458, 0.3359, 0.3149

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.4555, 0.3208, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5458, 0.3359, 0.3149 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(254, 210, 224)` looks like.

```
.text, #text, p{  
    color:rgb(254, 210, 224)  
}
```

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(254, 210, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 210, 224) }
```

Border

The CSS property to change the border of an element to Yxy 72.5458, 0.3359, 0.3149 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(254, 210, 224) }
```

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

```
.border{ border-color:rgb(254, 210, 224) }
```

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

Here you see how a box with a 4 pixel rgb(254, 210, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 210, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 210, 224);  
box-shadow:4px 4px 4px 4px rgb(254, 210,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5458, 0.3359, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 210, 224) }
```

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

```
.background{ background-color: rgb(254,  
210, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor