

Converting Colors

$Y_{xy}(72.3983, 0.3356, 0.3126)$

Have a look what the booklet for
Yxy(72.3983, 0.3356, 0.3126)
contains.

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Color

Yxy(72.3519, 0.3353, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1E2
RGB	255, 209, 226
RGB Percent	100%, 82%, 89%
CMY	0.0000, 0.1804, 0.1136
CMYK	0.00, 0.18, 0.11, 0.00
HSL	338°, 100%, 91%
HSV	338°, 18%, 100%
XYZ	77.7800, 72.3519, 81.8395
YIQ	224.6920, 21.9590, 15.0390

Conversions

Conversions Part 2

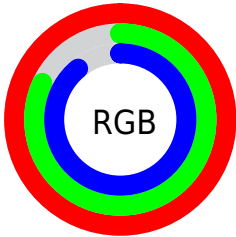
Format	Color
R_{YB}	255, 209, 226
Decimal	16765410
CIE _{Lab}	88.14, 18.81, -2.30
CIE _{LCh}	88, 18.948, 353.041
Yxy	72.3519, 0.3353, 0.3119
Android (android.graphics.Color)	4294955490 (0xFFFFD1E2)
YUV	224.6920, 0.6448, 26.5801
Hunter-Lab	85.0599, 14.3681, 2.4967

Details

The Yxy color **72.3519, 0.3353, 0.3119** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.2445, 0.2945, 0.3468**, and the grayscale version is **75.0433, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.0572, 0.3406, 0.3072** is the 20% darker color. If you saturate the color by 10%, you get **59.9816, 0.3517, 0.3018**, and if you desaturate by 10%, it is **86.8012, 0.3218, 0.3216**.

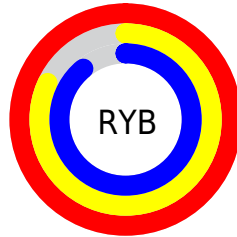
Distribution



Red (100%)

Green (82%)

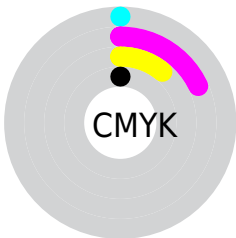
Blue (89%)



Red (100%)

Yellow (82%)

Blue (89%)

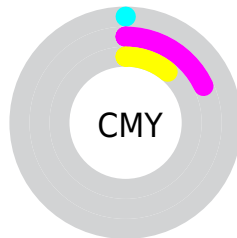


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3519, 0.3353, 0.3119 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 72.3519, 0.3353, 0.3119 by changing the saturation by 10% instead.


 72.3519, 0.3353,
0.3119

 72.3519, 0.3353,
0.3119


468.7655, 0.3249,
0.3198

 53.4462, 0.3377,
0.3101


122.5567, 0.3317,
0.3146

 38.1591, 0.3406,
0.3079


154.6246, 0.3303,
0.3157

 26.1062, 0.3443,
0.3052


191.8487, 0.3291,
0.3166

 16.9031, 0.3492,
0.3016

234.6133, 0.3280,
0.3174

 10.1654, 0.3558,
0.2967

283.3029, 0.3271,
0.3181

 5.5088, 0.3654,
0.2897

338.3019, 0.3263,

 2.5488, 0.3804,

0.3187

0.2790

399.9946, 0.3255,
0.3193

0.9010, 0.4071,
0.2602

0.0000, 1.0000,
0.0000

72.3519, 0.3353,
0.3119

72.3519, 0.3353,
0.3119

59.9816, 0.3517,
0.3018

86.8012, 0.3218,
0.3216

49.6019, 0.3717,
0.2917

100.0000, 0.3127,
0.3290

41.1048, 0.3954,
0.2822

34.3753, 0.4230,
0.2743

■ 29.2858, 0.4539,
0.2691

■ 25.6911, 0.4867,
0.2680

■ 23.4205, 0.5194,
0.2719

■ 22.2425, 0.5491,
0.2809

■ 22.0763, 0.5546,
0.2829

Harmonies

Analogous

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



72.3519, 0.3125, 0.2977



72.3519, 0.3353, 0.3119



72.3519, 0.3523, 0.3306

Triad

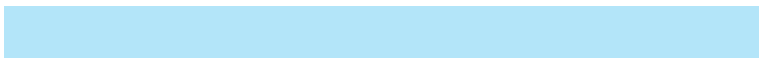
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3519, 0.3353, 0.3119



72.3519, 0.3342, 0.3696



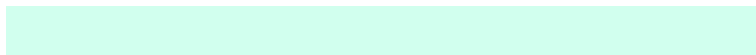
72.3519, 0.2692, 0.3060

Complementary

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



72.3519, 0.3353, 0.3119



91.2445, 0.2945, 0.3468

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.



72.3519, 0.2746, 0.3254



72.3519, 0.3353, 0.3119



72.3519, 0.3116, 0.3634

Square

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



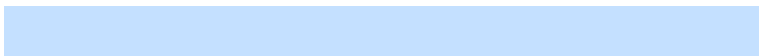
72.3519, 0.3353, 0.3119



72.3519, 0.3514, 0.3641



72.3519, 0.2899, 0.3468



72.3519, 0.2750, 0.2938

Rectangle

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



72.3519, 0.3353, 0.3119



72.3519, 0.3576, 0.3435



72.3519, 0.2899, 0.3468



72.3519, 0.2698, 0.3119

Sweetspot

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



72.3489, 0.3353, 0.3119



91.6269, 0.3182, 0.3245



70.8832, 0.3023, 0.2823



19.3695, 0.3190, 0.3238



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.



72.3489, 0.3353, 0.3119



67.2112, 0.3414, 0.3079



74.1375, 0.3470, 0.3346



18.0983, 0.3236, 0.3202



11.5617, 0.5503, 0.2805



1.1460, 0.5193, 0.2634

Inverse Universe

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



72.3489, 0.3353, 0.3119



67.2112, 0.3414, 0.3079



88.9167, 0.2852, 0.3234



18.0983, 0.3236, 0.3202



11.5617, 0.5503, 0.2805



1.1460, 0.5193, 0.2634

Previews

White Background



This preview shows how the Yxy color 72.3519, 0.3353, 0.3119 looks on a white background.

Color Contrast Check

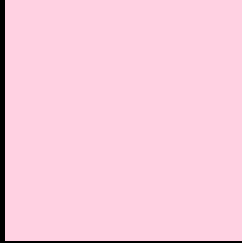
Large Text (above 18pt) WCAG AA × Fail

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 72.3519, 0.3353, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

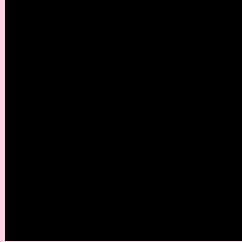
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.3519, 0.3353, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 72.3519, 0.3353, 0.3119.



This preview shows how white text looks on a background with the Yxy color 72.3519, 0.3353, 0.3119.

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

72.3519, 0.3353, 0.3119

Protanopia

72.5992, 0.3056, 0.3151

Deuteranopia

72.2301, 0.3250, 0.3176



Tritanopia

72.2972, 0.3360, 0.3129

Trichromacy



Original Color

72.3519, 0.3353, 0.3119

Protanomaly

72.3173, 0.3163, 0.3143

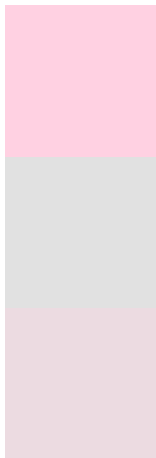
Deuteranomaly

72.1160, 0.3289, 0.3157

Tritanomaly

72.2972, 0.3360, 0.3129

Monochromacy



Original Color

72.3519, 0.3353, 0.3119

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

73.9321, 0.3209, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3519, 0.3353, 0.3119 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(255, 209, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 226)  
}
```

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(255, 209, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 226) }
```

Border

The CSS property to change the border of an element to Yxy 72.3519, 0.3353, 0.3119 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(255, 209, 226) }
```

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

```
.border{ border-color:rgb(255, 209, 226) }
```

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

Here you see how a box with a 4 pixel rgb(255, 209, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3519, 0.3353, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 226) }
```

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

```
.background{ background-color: rgb(255,  
209, 226) }
```

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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