

Converting Colors

$Y_{xy}(72.0910, 0.3395, 0.3178)$

Have a look what the booklet for
Yxy(72.0910, 0.3395, 0.3178)
contains.

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Color

Yxy(72.0282, 0.3397, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1DC
RGB	255, 209, 220
RGB Percent	100%, 82%, 86%
CMY	0.0000, 0.1804, 0.1371
CMYK	0.00, 0.18, 0.14, 0.00
HSL	346°, 100%, 91%
HSV	346°, 18%, 100%
XYZ	76.9675, 72.0282, 77.5793
YIQ	224.0080, 23.8850, 13.1730

Conversions

Conversions Part 2

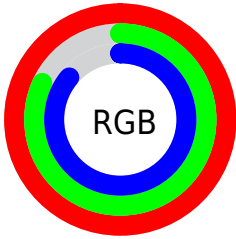
Format	Color
R _Y B	255, 209, 220
Decimal	16765404
CIE Lab	87.98, 17.84, 0.65
CIE LCh	88, 17.856, 2.079
Yxy	72.0282, 0.3397, 0.3179
Android (android.graphics.Color)	4294955484 (0xFFFFD1DC)
YUV	224.0080, -1.9759, 27.1800
Hunter-Lab	84.8694, 13.3590, 5.2115

Details

The Yxy color $72.0282, 0.3397, 0.3179$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $91.6038, 0.2913, 0.3404$, and the grayscale version is $74.5485, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.8336, 0.3465, 0.3148$ is the 20% darker color. If you saturate the color by 10%, you get $59.5323, 0.3597, 0.3113$, and if you desaturate by 10%, it is $86.6444, 0.3235, 0.3242$.

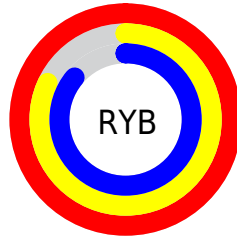
Distribution



Red (100%)

Green (82%)

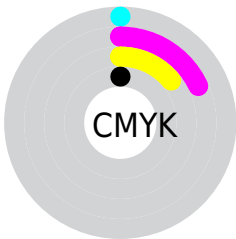
Blue (86%)



Red (100%)

Yellow (82%)

Blue (86%)

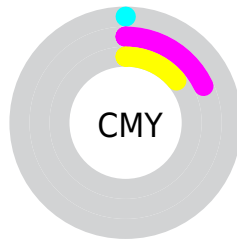


Cyan (0%)

Magenta (18%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0282, 0.3397, 0.3179 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 72.0282, 0.3397, 0.3179 by changing the saturation by 10% instead.

 72.0282, 0.3397,
0.3179

 72.0282, 0.3397,
0.3179


467.6397, 0.3272,
0.3231

 53.1817, 0.3426,
0.3167

122.0966, 0.3353,
0.3197

 37.9479, 0.3461,
0.3152


154.0873, 0.3336,
0.3204

 25.9422, 0.3507,
0.3133

191.2283, 0.3322,
0.3210

 16.7804, 0.3566,
0.3109

233.9038, 0.3309,
0.3215

 10.0781, 0.3647,
0.3074

282.4983, 0.3298,
0.3220

 5.4507, 0.3766,
0.3025

337.3962, 0.3288,

 2.5141, 0.3953,

0.3224

0.2946

398.9819, 0.3280,
0.3228

0.8837, 0.4293,
0.2801

0.0000, 1.0000,
0.0000

72.0282, 0.3397,
0.3179

72.0282, 0.3397,
0.3179

59.5323, 0.3597,
0.3113

86.6444, 0.3235,
0.3242

49.0594, 0.3841,
0.3048

100.0000, 0.3127,
0.3290

40.5019, 0.4136,
0.2988

33.7427, 0.4481,
0.2940

■ 28.6520, 0.4866,
0.2916

■ 25.0822, 0.5266,
0.2926

■ 22.8597, 0.5643,
0.2977

■ 21.7499, 0.5953,
0.3065

■ 21.5990, 0.6006,
0.3082

Harmonies

Analogous

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



72.0282, 0.3193, 0.3028



72.0282, 0.3397, 0.3179



72.0282, 0.3529, 0.3361

Triad

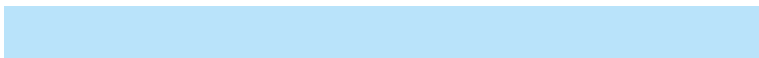
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.0282, 0.3397, 0.3179



72.0282, 0.3269, 0.3667



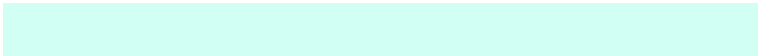
72.0282, 0.2722, 0.3030

Complementary

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



72.0282, 0.3397, 0.3179



91.6038, 0.2913, 0.3404

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.



72.0282, 0.2741, 0.3197



72.0282, 0.3397, 0.3179



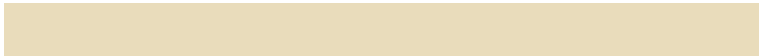
72.0282, 0.3052, 0.3575

Square

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



72.0282, 0.3397, 0.3179



72.0282, 0.3452, 0.3648



72.0282, 0.2860, 0.3399



72.0282, 0.2806, 0.2939

Rectangle

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



72.0282, 0.3397, 0.3179



72.0282, 0.3556, 0.3480



72.0282, 0.2860, 0.3399



72.0282, 0.2716, 0.3078

Sweetspot

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



72.0276, 0.3397, 0.3179



91.5247, 0.3192, 0.3261



71.9620, 0.3066, 0.2829



19.3448, 0.3202, 0.3256



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

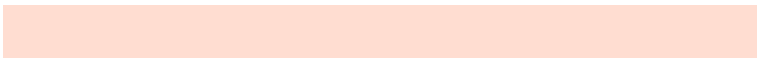
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.0276, 0.3397, 0.3179



66.8326, 0.3471, 0.3153



77.3104, 0.3459, 0.3407



18.0585, 0.3256, 0.3233



11.3052, 0.5967, 0.3060



1.1170, 0.5654, 0.2888

Inverse Universe

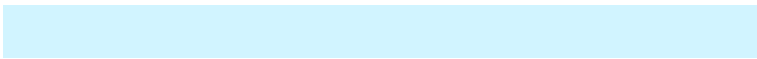
The Inverse Universe completely reimagines the original color for something new.



72.0276, 0.3397, 0.3179



66.8326, 0.3471, 0.3153



85.1747, 0.2848, 0.3170



18.0585, 0.3256, 0.3233



11.3052, 0.5967, 0.3060



1.1170, 0.5654, 0.2888

Previews

White Background



This preview shows how the Yxy color 72.0282, 0.3397, 0.3179 looks on a white background.

Color Contrast Check

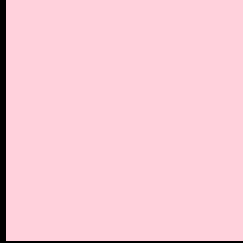
Large Text (above 18pt) WCAG AA × Fail

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 72.0282, 0.3397, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

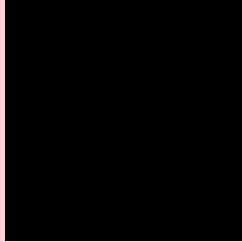
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.0282, 0.3397, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 72.0282, 0.3397, 0.3179.

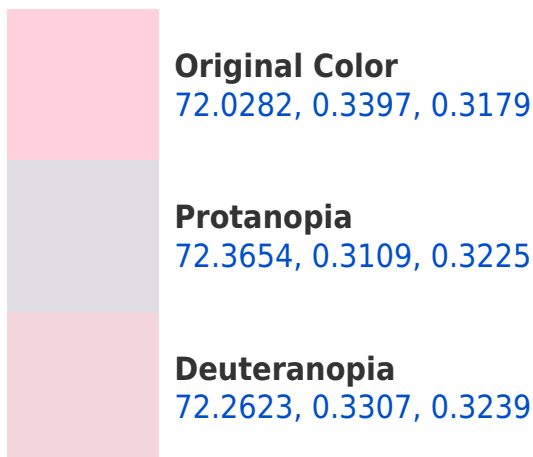


This preview shows how white text looks on a background with the Yxy color 72.0282, 0.3397, 0.3179.

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

72.2427, 0.3368, 0.3139

Trichromacy



Original Color

72.0282, 0.3397, 0.3179

Protanomaly

72.1557, 0.3211, 0.3206

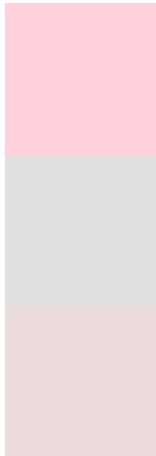
Deuteranomaly

71.9756, 0.3340, 0.3218

Tritanomaly

72.1886, 0.3375, 0.3149

Monochromacy



Original Color

72.0282, 0.3397, 0.3179

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.6529, 0.3216, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0282, 0.3397, 0.3179 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 220) }
```

Border

The CSS property to change the border of an element to Yxy 72.0282, 0.3397, 0.3179 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, 220) }
```

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

```
.border{ border-color:rgb(255, 209, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
220) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.0282, 0.3397, 0.3179$ 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, 220) }
```

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

```
.background{ background-color: rgb(255,  
209, 220) }
```

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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