

Converting Colors

Yxy(73.0942, 0.3001, 0.3087)

Have a look what the booklet for
Yxy(73.0942, 0.3001, 0.3087)
contains.

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Color

Yxy(73.2198, 0.2998, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	DCDDF0
RGB	220, 221, 240
RGB Percent	86%, 87%, 94%
CMY	0.1374, 0.1332, 0.0589
CMYK	0.08, 0.08, 0.00, 0.06
HSL	237°, 40%, 90%
HSV	237°, 8%, 94%
XYZ	71.0858, 73.2198, 92.8051
YIQ	222.8670, -6.6950, 5.6970

Conversions

Conversions Part 2

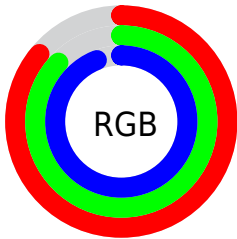
Format	Color
R _Y B	220, 221, 240
Decimal	14474736
CIE Lab	88.55, 3.20, -9.36
CIE LCh	89, 9.896, 288.861
Yxy	73.2198, 0.2998, 0.3088
Android (android.graphics.Color)	4292664816 (0xFFDCDDF0)
YUV	222.8670, 8.4466, -2.5144
Hunter-Lab	85.5686, -1.4567, -4.4062

Details

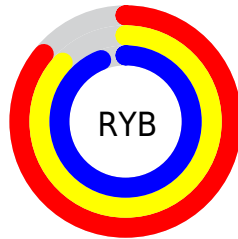
The Yxy color **73.2198, 0.2998, 0.3088** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85.3646, 0.3252, 0.3484**, and the grayscale version is **73.6316, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7325, 0.2968, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **58.5482, 0.2825, 0.2816**, and if you desaturate by 10%, it is **90.0579, 0.3151, 0.3327**.

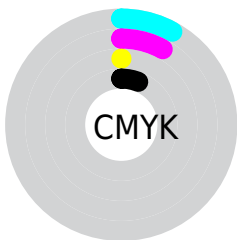
Distribution



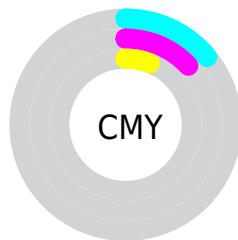
- Red (86%)
- Green (87%)
- Blue (94%)



- Red (86%)
- Yellow (87%)
- Blue (94%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.2198, 0.2998, 0.3088 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 73.2198, 0.2998, 0.3088 by changing the saturation by 10% instead.

■ 73.2198, 0.2998,
0.3088

■ 73.2198, 0.2998,
0.3088

471.7762, 0.3058,
0.3181

■ 54.1557, 0.2984,
0.3067

123.7892, 0.3019,
0.3120

■ 38.7262, 0.2967,
0.3041

156.0633, 0.3027,
0.3132

■ 26.5468, 0.2946,
0.3009

193.5095, 0.3034,
0.3143

■ 17.2331, 0.2918,
0.2966

236.5122, 0.3040,
0.3153

■ 10.4008, 0.2880,
0.2909

285.4559, 0.3045,
0.3161

■ 5.6655, 0.2824,
0.2828

340.7248, 0.3050,

■ 2.6428, 0.2738,

0.3168

0.2703

402.7035, 0.3054,
0.3175

■ 0.9482, 0.2584,
0.2486

■ 0.0000, 0.0000,
0.0000

■ 73.2198, 0.2998,
0.3088

■ 73.2198, 0.2998,
0.3088

■ 58.5482, 0.2825,
0.2816

■ 90.0579, 0.3151,
0.3327

■ 45.9464, 0.2634,
0.2513

■ 99.0699, 0.3215,
0.3435

■ 35.3239, 0.2429,
0.2183

■ 26.5801, 0.2217,
0.1840

■ 19.6056, 0.2011,
0.1500

■ 14.2795, 0.1824,
0.1188

■ 10.4659, 0.1673,
0.0928

■ 8.0071, 0.1568,
0.0741

■ 6.7036, 0.1513,
0.0635

Harmonies

Analogous

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



73.2198, 0.2921, 0.3113



73.2198, 0.2998, 0.3088



73.2198, 0.3111, 0.3116

Triad

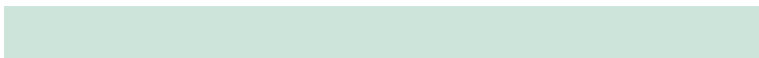
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2198, 0.2998, 0.3088



73.2198, 0.3362, 0.3388



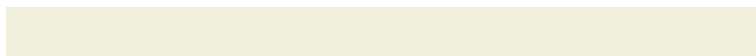
73.2198, 0.3023, 0.3396

Complementary

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



73.2198, 0.2998, 0.3088



85.3646, 0.3252, 0.3484

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.



73.2198, 0.3140, 0.3473



73.2198, 0.2998, 0.3088



73.2198, 0.3337, 0.3466

Square

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



73.2198, 0.2998, 0.3088



73.2198, 0.3322, 0.3286



73.2198, 0.3255, 0.3499



73.2198, 0.2935, 0.3289

Rectangle

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



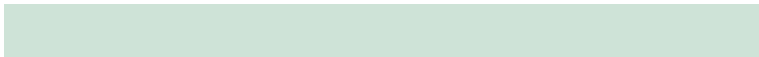
73.2198, 0.2998, 0.3088



73.2198, 0.3192, 0.3160



73.2198, 0.3255, 0.3499



73.2198, 0.3060, 0.3426

Sweetspot

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



73.2229, 0.2998, 0.3088



94.0444, 0.3082, 0.3220



83.7257, 0.3006, 0.3304



19.7970, 0.3070, 0.3200



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.



73.2229, 0.2998, 0.3088



81.0352, 0.2970, 0.3044



74.0486, 0.3058, 0.3080



15.3641, 0.2979, 0.3059



3.6569, 0.1509, 0.0633



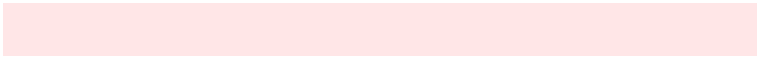
0.3516, 0.1533, 0.0720

Inverse Universe

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



74.9044, 0.3264, 0.3279



83.3375, 0.3295, 0.3277



84.5102, 0.3193, 0.3499



15.7725, 0.3285, 0.3278



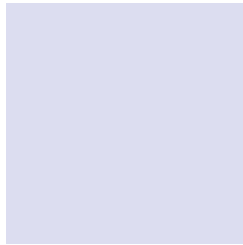
10.1625, 0.6344, 0.3269



0.8502, 0.6200, 0.3189

Previews

White Background



This preview shows how the Yxy color 73.2198, 0.2998, 0.3088 looks on a white background.

Color Contrast Check

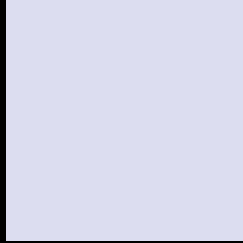
Large Text (above 18pt) WCAG AA × Fail

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 73.2198, 0.2998, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

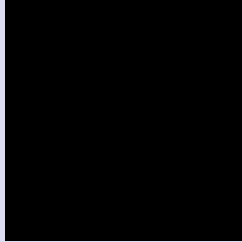
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.2198, 0.2998, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 73.2198, 0.2998, 0.3088.

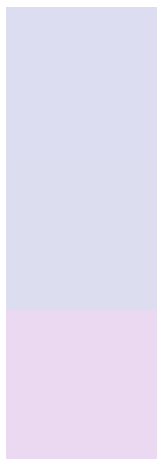


This preview shows how white text looks on a background with the Yxy color 73.2198, 0.2998, 0.3088.

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

73.2198, 0.2998, 0.3088

Protanopia

73.3763, 0.3005, 0.3088

Deuteranopia

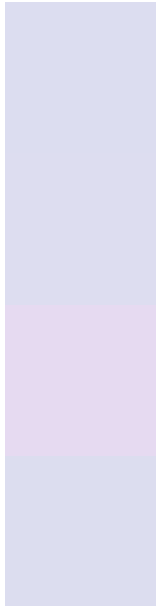
73.1248, 0.3097, 0.3032



Tritanopia

73.1605, 0.3004, 0.3098

Trichromacy



Original Color

73.2198, 0.2998, 0.3088

Protanomaly

73.3763, 0.3005, 0.3088

Deuteranomaly

73.3167, 0.3061, 0.3050

Tritanomaly

73.1605, 0.3004, 0.3098

Monochromacy



Original Color

73.2198, 0.2998, 0.3088

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.4293, 0.3082, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2198, 0.2998, 0.3088 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(220, 221, 240)` looks like.

```
.text, #text, p{  
    color:rgb(220, 221, 240)  
}
```

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(220, 221, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 221, 240) }
```

Border

The CSS property to change the border of an element to Yxy 73.2198, 0.2998, 0.3088 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(220, 221, 240) }
```

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

```
.border{ border-color:rgb(220, 221, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 221, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 221, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 221, 240);  
box-shadow:4px 4px 4px 4px rgb(220, 221,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2198, 0.2998, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 221, 240) }
```

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

```
.background{ background-color: rgb(220,  
221, 240) }
```

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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