

Converting Colors

$Yxy(74.1952, 0.2908, 0.3112)$

Have a look what the booklet for
Yxy(74.1952, 0.2908, 0.3112)
contains.

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Color

Yxy(74.2134, 0.2907, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	D0E2F2
RGB	208, 226, 242
RGB Percent	82%, 89%, 95%
CMY	0.1847, 0.1136, 0.0511
CMYK	0.14, 0.07, 0.00, 0.05
HSL	208°, 57%, 88%
HSV	208°, 14%, 95%
XYZ	69.2135, 74.2134, 94.6655
YIQ	222.4420, -15.8640, 1.1600

Conversions

Conversions Part 2

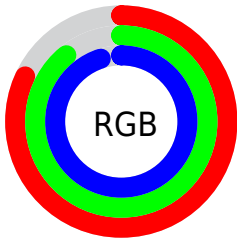
Format	Color
R _Y B	208, 220, 242
Decimal	13689586
CIE Lab	89.02, -2.85, -9.81
CIE LCh	89, 10.217, 253.799
Yxy	74.2134, 0.2907, 0.3117
Android (android.graphics.Color)	4291879666 (0xFFD0E2F2)
YUV	222.4420, 9.6421, -12.6656
Hunter-Lab	86.1472, -7.3449, -4.8496

Details

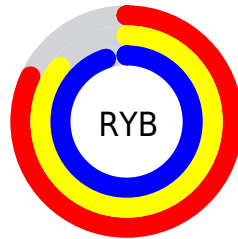
The Yxy color `74.2134, 0.2907, 0.3117` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76.6573, 0.3364, 0.3457`, and the grayscale version is `73.3057, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `39.4433, 0.2853, 0.3078` is the 20% darker color. If you saturate the color by 10%, you get `65.0155, 0.2746, 0.2978`, and if you desaturate by 10%, it is `84.3594, 0.3065, 0.3243`.

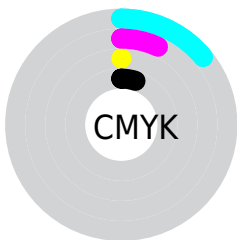
Distribution



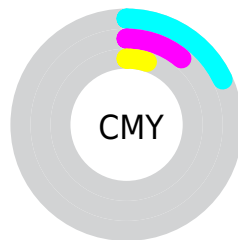
- Red (82%)
- Green (89%)
- Blue (95%)



- Red (82%)
- Yellow (86%)
- Blue (95%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2134, 0.2907, 0.3117 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 74.2134, 0.2907, 0.3117 by changing the saturation by 10% instead.

■ 74.2134, 0.2907,
0.3117

■ 74.2134, 0.2907,
0.3117

475.2096, 0.3008,
0.3197

■ 54.9687, 0.2884,
0.3099

125.1983, 0.2942,
0.3145

■ 39.3767, 0.2856,
0.3076

157.7072, 0.2955,
0.3156

■ 27.0529, 0.2821,
0.3047

195.4064, 0.2967,
0.3165

■ 17.6129, 0.2775,
0.3010

238.6803, 0.2977,
0.3173

■ 10.6725, 0.2712,
0.2959

287.9131, 0.2986,
0.3180

■ 5.8470, 0.2624,
0.2886

343.4893, 0.2994,

■ 2.7523, 0.2488,

0.3186

0.2772

405.7933, 0.3002,
0.3192

■ 1.0038, 0.2254,
0.2570

■ 0.0000, 0.0000,
0.0000

■ 74.2134, 0.2907,
0.3117

■ 74.2134, 0.2907,
0.3117

■ 65.0155, 0.2746,
0.2978

■ 84.3594, 0.3065,
0.3243

■ 56.7246, 0.2583,
0.2825

■ 95.2265, 0.3208,
0.3355

■ 49.3095, 0.2424,
0.2660

■ 99.1897, 0.3203,
0.3415

■ 42.7337, 0.2271,
0.2485

■ 36.9575, 0.2132,
0.2303

■ 31.9366, 0.2009,
0.2118

■ 27.6212, 0.1908,
0.1935

■ 23.9518, 0.1831,
0.1759

■ 22.0365, 0.1794,
0.1659

Harmonies

Analogous

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



74.2134, 0.2894, 0.3199



74.2134, 0.2907, 0.3117



74.2134, 0.2978, 0.3083

Triad

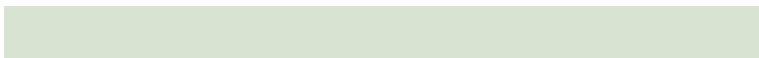
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2134, 0.2907, 0.3117



74.2134, 0.3315, 0.3268



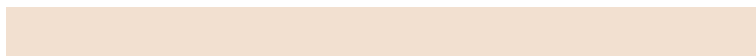
74.2134, 0.3161, 0.3487

Complementary

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



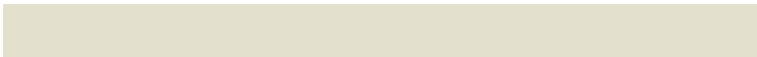
74.2134, 0.2907, 0.3117



76.6573, 0.3364, 0.3457

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.



74.2134, 0.3276, 0.3503



74.2134, 0.2907, 0.3117



74.2134, 0.3366, 0.3374

Square

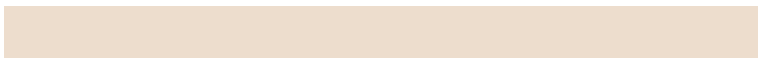
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2134, 0.2907, 0.3117



74.2134, 0.3213, 0.3170



74.2134, 0.3352, 0.3460



74.2134, 0.3039, 0.3415

Rectangle

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



74.2134, 0.2907, 0.3117



74.2134, 0.3049, 0.3090



74.2134, 0.3352, 0.3460



74.2134, 0.3202, 0.3499

Sweetspot

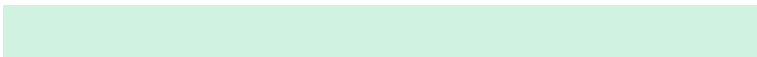
The Sweet Spot groups the original color and five complimentary colors.



74.2165, 0.2907, 0.3117



95.1081, 0.3066, 0.3243



82.2612, 0.3016, 0.3487



20.1644, 0.3054, 0.3234



0.0000, 0.0000, 0.0000



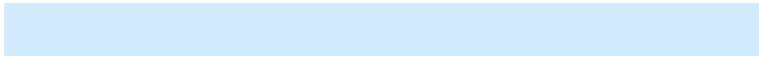
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2165, 0.2907, 0.3117



80.4156, 0.2859, 0.3077



65.4278, 0.2901, 0.2928



16.6210, 0.2980, 0.3177



12.1166, 0.1802, 0.1686



1.2071, 0.1865, 0.1913

Inverse Universe

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



69.4330, 0.3256, 0.3102



74.1535, 0.3287, 0.3060



86.2429, 0.3340, 0.3628



15.8994, 0.3210, 0.3165



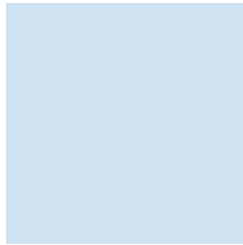
11.0165, 0.4823, 0.2431



0.9366, 0.4552, 0.2281

Previews

White Background



This preview shows how the Yxy color 74.2134, 0.2907, 0.3117 looks on a white background.

Color Contrast Check

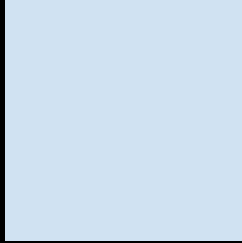
Large Text (above 18pt) WCAG AA × Fail

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 74.2134, 0.2907, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

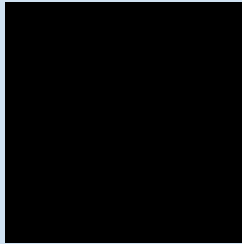
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

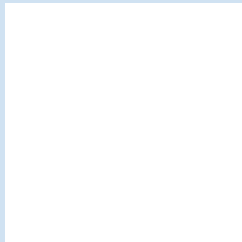
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2134, 0.2907, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 74.2134, 0.2907, 0.3117.



This preview shows how white text looks on a background with the Yxy color 74.2134, 0.2907, 0.3117.

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

74.2134, 0.2907, 0.3117

Protanopia

74.1625, 0.3025, 0.3110

Deuteranopia

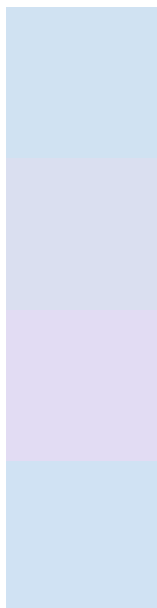
73.9902, 0.3084, 0.3013



Tritanopia

74.3343, 0.2896, 0.3095

Trichromacy



Original Color

74.2134, 0.2907, 0.3117

Protanomaly

73.9720, 0.2985, 0.3108

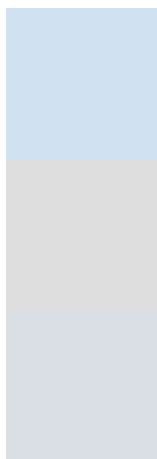
Deuteranomaly

73.8262, 0.3020, 0.3049

Tritanomaly

74.2737, 0.2902, 0.3106

Monochromacy



Original Color

74.2134, 0.2907, 0.3117

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.1842, 0.3047, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2134, 0.2907, 0.3117 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(208, 226, 242)` looks like.

```
.text, #text, p{  
    color:rgb(208, 226, 242)  
}
```

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(208, 226, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 226, 242) }
```

Border

The CSS property to change the border of an element to Yxy 74.2134, 0.2907, 0.3117 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(208, 226, 242) }
```

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

```
.border{ border-color:rgb(208, 226, 242) }
```

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

Here you see how a box with a 4 pixel rgb(208, 226, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 226, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 226, 242);  
box-shadow:4px 4px 4px 4px rgb(208, 226,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2134, 0.2907, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 226, 242) }
```

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

```
.background{ background-color: rgb(208,  
226, 242) }
```

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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