

Converting Colors

$Yxy(74.6076, 0.2939, 0.3108)$

Have a look what the booklet for
Yxy(74.6076, 0.2939, 0.3108)
contains.

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Color

Yxy(74.4074, 0.2940, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	D5E1F2
RGB	213, 225, 242
RGB Percent	84%, 88%, 95%
CMY	0.1645, 0.1177, 0.0509
CMYK	0.12, 0.07, 0.00, 0.05
HSL	215°, 53%, 89%
HSV	215°, 12%, 95%
XYZ	70.4080, 74.4074, 94.6677
YIQ	223.3500, -12.6090, 2.7430

Conversions

Conversions Part 2

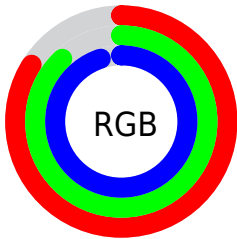
Format	Color
R _Y B	213, 221, 242
Decimal	14017010
CIE Lab	89.11, -0.67, -9.66
CIE LCh	89, 9.678, 266.022
Yxy	74.4074, 0.2940, 0.3107
Android (android.graphics.Color)	4292207090 (0xFFD5E1F2)
YUV	223.3500, 9.1945, -9.0769
Hunter-Lab	86.2597, -5.2569, -4.6873

Details

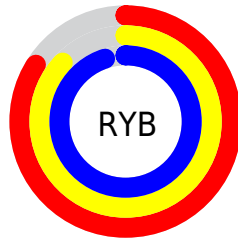
The Yxy color `74.4074, 0.2940, 0.3107` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80.3341, 0.3321, 0.3467`, and the grayscale version is `74.0026, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `39.5637, 0.2894, 0.3066` is the 20% darker color. If you saturate the color by 10%, you get `63.6775, 0.2774, 0.2934`, and if you desaturate by 10%, it is `86.3254, 0.3097, 0.3262`.

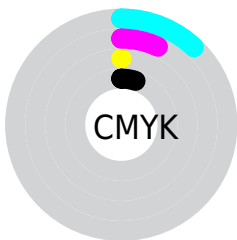
Distribution



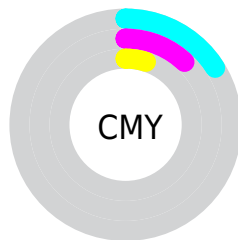
- Red (84%)
- Green (88%)
- Blue (95%)



- Red (84%)
- Yellow (87%)
- Blue (95%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.4074, 0.2940, 0.3107 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 74.4074, 0.2940, 0.3107 by changing the saturation by 10% instead.

■ 74.4074, 0.2940,
0.3107

■ 74.4074, 0.2940,
0.3107

475.8783, 0.3026,
0.3191

■ 55.1275, 0.2921,
0.3088

125.4732, 0.2970,
0.3136

■ 39.5038, 0.2897,
0.3064

158.0278, 0.2981,
0.3148

■ 27.1519, 0.2866,
0.3034

195.7763, 0.2991,
0.3157

■ 17.6873, 0.2827,
0.2996

239.1028, 0.3000,
0.3166

■ 10.7258, 0.2773,
0.2943

288.3919, 0.3008,
0.3173

■ 5.8827, 0.2697,
0.2867

344.0279, 0.3014,

■ 2.7739, 0.2580,

0.3180

0.2751

406.3952, 0.3021,
0.3186

■ 1.0149, 0.2377,
0.2548

■ 0.0000, 0.0000,
0.0000

■ 74.4074, 0.2940,
0.3107

■ 74.4074, 0.2940,
0.3107

■ 63.6775, 0.2774,
0.2934

■ 86.3254, 0.3097,
0.3262

■ 54.0870, 0.2603,
0.2743

■ 98.2121, 0.3204,
0.3400

■ 45.5971, 0.2431,
0.2536

■ 99.1918, 0.3203,
0.3415

■ 38.1632, 0.2261,
0.2315

■ 31.7372, 0.2101,
0.2086

■ 26.2662, 0.1957,
0.1855

■ 21.6915, 0.1836,
0.1630

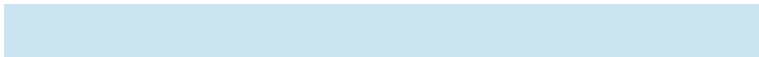
■ 17.9451, 0.1742,
0.1421

■ 15.4604, 0.1686,
0.1268

Harmonies

Analogous

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



74.4074, 0.2904, 0.3168



74.4074, 0.2940, 0.3107



74.4074, 0.3026, 0.3095

Triad

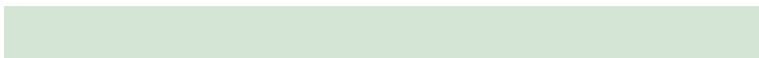
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4074, 0.2940, 0.3107



74.4074, 0.3332, 0.3311



74.4074, 0.3112, 0.3454

Complementary

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



74.4074, 0.2940, 0.3107



80.3341, 0.3321, 0.3467

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.



74.4074, 0.3227, 0.3492



74.4074, 0.2940, 0.3107



74.4074, 0.3355, 0.3407

Square

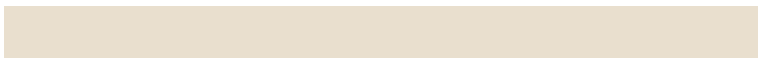
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4074, 0.2940, 0.3107



74.4074, 0.3252, 0.3212



74.4074, 0.3317, 0.3474



74.4074, 0.3002, 0.3370

Rectangle

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



74.4074, 0.2940, 0.3107



74.4074, 0.3100, 0.3116



74.4074, 0.3317, 0.3474



74.4074, 0.3151, 0.3473

Sweetspot

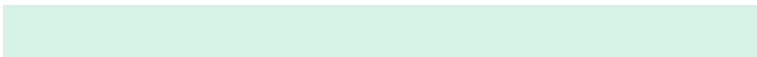
The Sweet Spot groups the original color and five complimentary colors.



74.4105, 0.2940, 0.3107



94.3479, 0.3066, 0.3232



83.3806, 0.3013, 0.3418



19.9721, 0.3054, 0.3220



0.0000, 0.0000, 0.0000



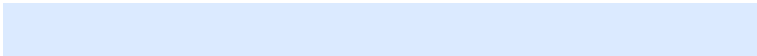
21.4041, 0.3127, 0.3290

Same Dimension

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



74.4105, 0.2940, 0.3107



81.1725, 0.2906, 0.3073



68.5520, 0.2954, 0.2978



16.2978, 0.2980, 0.3147



8.5581, 0.1694, 0.1298



0.9033, 0.1766, 0.1557

Inverse Universe

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



71.9365, 0.3259, 0.3167



78.0202, 0.3285, 0.3144



86.7777, 0.3290, 0.3587



15.8668, 0.3229, 0.3193



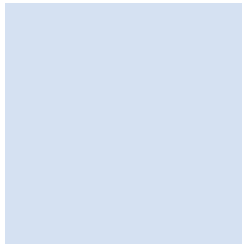
10.6573, 0.5329, 0.2709



0.9059, 0.4986, 0.2520

Previews

White Background



This preview shows how the Yxy color 74.4074, 0.2940, 0.3107 looks on a white background.

Color Contrast Check

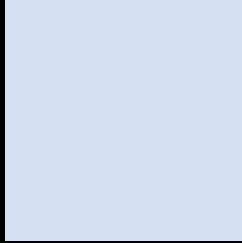
Large Text (above 18pt) WCAG AA × Fail

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 74.4074, 0.2940, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

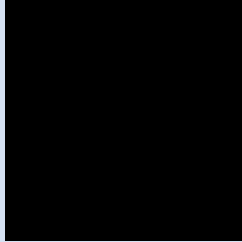
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

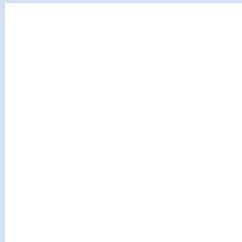
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4074, 0.2940, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 74.4074, 0.2940, 0.3107.

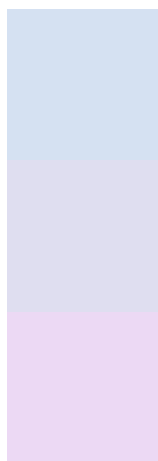


This preview shows how white text looks on a background with the Yxy color 74.4074, 0.2940, 0.3107.

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

74.4074, 0.2940, 0.3107

Protanopia

74.2218, 0.3019, 0.3100

Deuteranopia

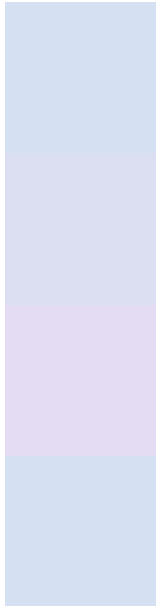
73.9902, 0.3084, 0.3013



Tritanopia

74.4676, 0.2934, 0.3097

Trichromacy



Original Color

74.4074, 0.2940, 0.3107

Protanomaly

74.1863, 0.2985, 0.3098

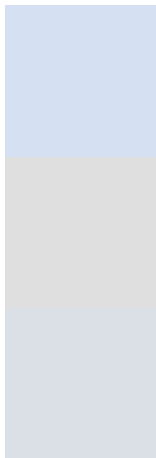
Deuteranomaly

74.1514, 0.3034, 0.3050

Tritanomaly

74.4676, 0.2934, 0.3097

Monochromacy



Original Color

74.4074, 0.2940, 0.3107

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.0845, 0.3054, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4074, 0.2940, 0.3107 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(213, 225, 242)` looks like.

```
.text, #text, p{  
    color:rgb(213, 225, 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(213, 225, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 225, 242) }
```

Border

The CSS property to change the border of an element to Yxy 74.4074, 0.2940, 0.3107 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(213, 225, 242) }
```

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

```
.border{ border-color:rgb(213, 225, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 225, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 225, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 225, 242);  
box-shadow:4px 4px 4px 4px rgb(213, 225,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4074, 0.2940, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 225, 242) }
```

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

```
.background{ background-color: rgb(213,  
225, 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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