

Converting Colors

$Yxy(75.5747, 0.2868, 0.2979)$

Have a look what the booklet for
Yxy(75.5747, 0.2868, 0.2979)
contains.

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Color

Yxy(75.3666, 0.2869, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	D6E1FF
RGB	214, 225, 255
RGB Percent	84%, 88%, 100%
CMY	0.1609, 0.1176, 0.0000
CMYK	0.16, 0.12, 0.00, 0.00
HSL	224°, 100%, 92%
HSV	224°, 16%, 100%
XYZ	72.7057, 75.3666, 105.3460
YIQ	225.1310, -16.1860, 6.9980

Conversions

Conversions Part 2

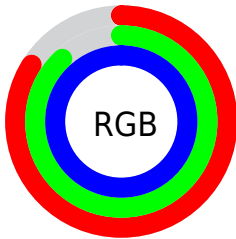
Format	Color
R _Y B	214, 223, 255
Decimal	14082559
CIE Lab	89.56, 2.26, -15.80
CIE LCh	90, 15.963, 278.134
Yxy	75.3666, 0.2869, 0.2974
Android (android.graphics.Color)	4292272639 (0xFFD6E1FF)
YUV	225.1310, 14.7254, -9.7619
Hunter-Lab	86.8139, -2.4326, -11.1768

Details

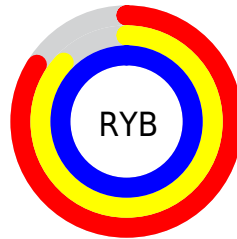
The Yxy color **75.3666, 0.2869, 0.2974** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.7996, 0.3386, 0.3587**, and the grayscale version is **75.2934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1976, 0.2812, 0.2909** is the 20% darker color. If you saturate the color by 10%, you get **62.2899, 0.2693, 0.2747**, and if you desaturate by 10%, it is **90.1473, 0.3034, 0.3178**.

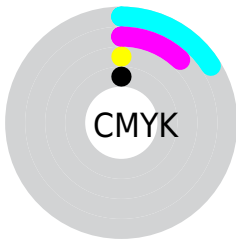
Distribution



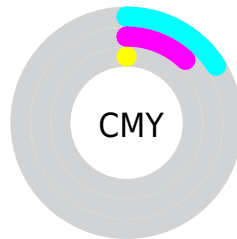
- Red (84%)
- Green (88%)
- Blue (100%)



- Red (84%)
- Yellow (87%)
- Blue (100%)



- Cyan (16%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.3666, 0.2869, 0.2974 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 75.3666, 0.2869, 0.2974 by changing the saturation by 10% instead.

■ 75.3666, 0.2869,
0.2974

■ 75.3666, 0.2869,
0.2974

479.1767, 0.2987,
0.3118

■ 55.9133, 0.2842,
0.2942

126.8312, 0.2910,
0.3023

■ 40.1334, 0.2809,
0.2902

159.6112, 0.2926,
0.3043

■ 27.6426, 0.2768,
0.2853

197.6022, 0.2939,
0.3060

■ 18.0564, 0.2715,
0.2789

241.1887, 0.2951,
0.3074

■ 10.9905, 0.2643,
0.2703

290.7550, 0.2962,
0.3087

■ 6.0604, 0.2541,
0.2584

346.6855, 0.2971,

■ 2.8819, 0.2388,

0.3098

0.2404

409.3646, 0.2980,
0.3109

■ 1.0704, 0.2131,
0.2110

■ 0.0000, 0.0087,
0.0000

■ 75.3666, 0.2869,
0.2974

■ 75.3666, 0.2869,
0.2974

■ 62.2899, 0.2693,
0.2747

■ 90.1473, 0.3034,
0.3178

■ 50.8502, 0.2508,
0.2497

100.0000, 0.3127,
0.3290

■ 40.9818, 0.2319,
0.2228

■ 32.6125, 0.2134,
0.1949

■ 25.6646, 0.1961,
0.1669

■ 20.0521, 0.1810,
0.1402

■ 15.6787, 0.1690,
0.1162

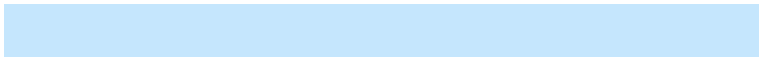
■ 12.4320, 0.1607,
0.0963

■ 11.4207, 0.1583,
0.0897

Harmonies

Analogous

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



75.3666, 0.2777, 0.3039



75.3666, 0.2869, 0.2974



75.3666, 0.3031, 0.2991

Triad

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



75.3666, 0.2869, 0.2974



75.3666, 0.3493, 0.3387



75.3666, 0.3024, 0.3513

Complementary

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



75.3666, 0.2869, 0.2974



90.7996, 0.3386, 0.3587

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.



75.3666, 0.3215, 0.3612



75.3666, 0.2869, 0.2974



75.3666, 0.3489, 0.3531

Square

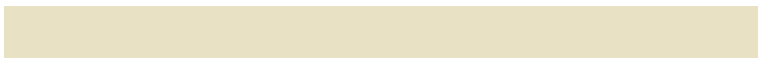
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3666, 0.2869, 0.2974



75.3666, 0.3395, 0.3224



75.3666, 0.3386, 0.3616



75.3666, 0.2864, 0.3350

Rectangle

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



75.3666, 0.2869, 0.2974



75.3666, 0.3160, 0.3044



75.3666, 0.3386, 0.3616



75.3666, 0.3086, 0.3556

Sweetspot

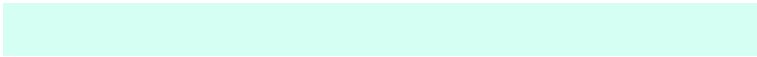
The Sweet Spot groups the original color and five complimentary colors.



75.3679, 0.2869, 0.2974



91.8569, 0.3051, 0.3198



92.3073, 0.2945, 0.3409



19.4238, 0.3040, 0.3185



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.



75.3679, 0.2869, 0.2974



71.3837, 0.2819, 0.2910



70.9708, 0.2923, 0.2862



18.1720, 0.2979, 0.3111



6.1763, 0.1590, 0.0924



0.7725, 0.1649, 0.1137

Inverse Universe

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



74.7803, 0.3354, 0.3180



70.8127, 0.3404, 0.3159



95.9873, 0.3311, 0.3698



18.0673, 0.3252, 0.3226



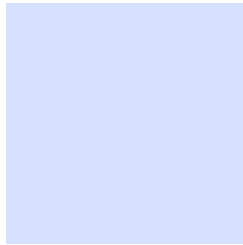
11.3515, 0.5875, 0.3010



1.1225, 0.5557, 0.2835

Previews

White Background



This preview shows how the Yxy color 75.3666, 0.2869, 0.2974 looks on a white background.

Color Contrast Check

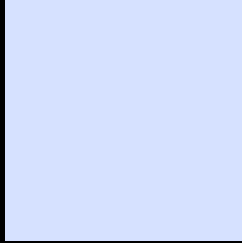
Large Text (above 18pt) WCAG AA × Fail

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 75.3666, 0.2869, 0.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

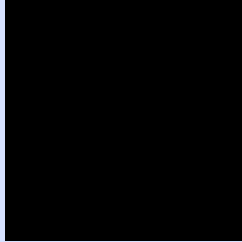
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

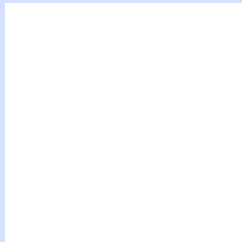
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3666, 0.2869, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 75.3666, 0.2869, 0.2974.



This preview shows how white text looks on a background with the Yxy color 75.3666, 0.2869, 0.2974.

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

75.3666, 0.2869, 0.2974

Protanopia

75.1468, 0.2913, 0.2966

Deuteranopia

75.0388, 0.2986, 0.2923



Tritanopia

75.5278, 0.2916, 0.3097

Trichromacy



Original Color

75.3666, 0.2869, 0.2974

Protanomaly

75.3725, 0.2900, 0.2976

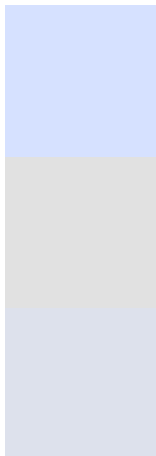
Deuteranomaly

74.9405, 0.2939, 0.2939

Tritanomaly

75.3784, 0.2898, 0.3046

Monochromacy



Original Color

75.3666, 0.2869, 0.2974

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.2787, 0.3030, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3666, 0.2869, 0.2974 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(214, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 225, 255)  
}
```

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(214, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 225, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.3666, 0.2869, 0.2974 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(214, 225, 255) }
```

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

```
.border{ border-color:rgb(214, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 225,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3666, 0.2869, 0.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 225, 255) }
```

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

```
.background{ background-color: rgb(214,  
225, 255) }
```

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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