

Converting Colors

$Yxy(74.6648, 0.2922, 0.3173)$

Have a look what the booklet for
Yxy(74.6648, 0.2922, 0.3173)
contains.

Yxy(74.9252, 0.2925, 0.3181)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.9252, 0.2925, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	CFE4EE
RGB	207, 228, 238
RGB Percent	81%, 89%, 93%
CMY	0.1885, 0.1058, 0.0667
CMYK	0.13, 0.04, 0.00, 0.07
HSL	199°, 48%, 87%
HSV	199°, 13%, 93%
XYZ	68.8954, 74.9252, 91.7192
YIQ	222.8610, -15.7260, -1.3420

Conversions

Conversions Part 2

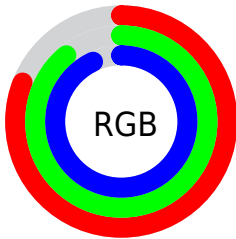
Format	Color
R _Y B	207, 220, 238
Decimal	13624558
CIE Lab	89.36, -4.98, -7.23
CIE LCh	89, 8.784, 235.434
Yxy	74.9252, 0.2925, 0.3181
Android (android.graphics.Color)	4291814638 (0xFFCFE4EE)
YUV	222.8610, 7.4635, -13.9101
Hunter-Lab	86.5593, -9.4049, -2.2328

Details

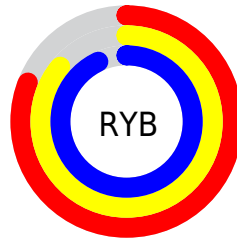
The Yxy color **74.9252, 0.2925, 0.3181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.2644, 0.3352, 0.3397**, and the grayscale version is **73.6378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9399, 0.2876, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **67.6404, 0.2770, 0.3088**, and if you desaturate by 10%, it is **82.9190, 0.3080, 0.3266**.

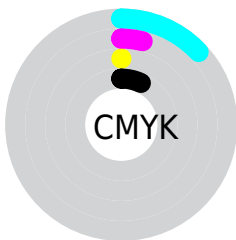
Distribution



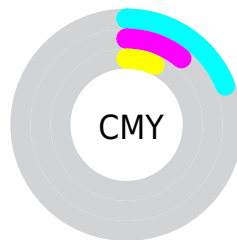
- Red (81%)
- Green (89%)
- Blue (93%)



- Red (81%)
- Yellow (86%)
- Blue (93%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (19%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9252, 0.2925, 0.3181 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 74.9252, 0.2925, 0.3181 by changing the saturation by 10% instead.

■ 74.9252, 0.2925,
0.3181

■ 74.9252, 0.2925,
0.3181

477.6604, 0.3018,
0.3232

■ 55.5516, 0.2904,
0.3169

126.2065, 0.2957,
0.3199

■ 39.8435, 0.2878,
0.3155

158.8829, 0.2969,
0.3206

■ 27.4166, 0.2846,
0.3136

196.7625, 0.2980,
0.3211

■ 17.8863, 0.2804,
0.3112

240.2296, 0.2990,
0.3217

■ 10.8684, 0.2747,
0.3079

289.6685, 0.2998,
0.3221

■ 5.9784, 0.2666,
0.3031

345.4637, 0.3005,

■ 2.8320, 0.2542,

0.3225

0.2955

407.9995, 0.3012,
0.3229

1.0446, 0.2328,
0.2817

0.0000, 0.0000,
0.0000

74.9252, 0.2925,
0.3181

74.9252, 0.2925,
0.3181

67.6404, 0.2770,
0.3088

82.9190, 0.3080,
0.3266

61.0299, 0.2619,
0.2986

91.6364, 0.3233,
0.3342

55.0694, 0.2474,
0.2876

96.4042, 0.3230,
0.3415

49.7297, 0.2340,
0.2761

98.9531, 0.3226,
0.3454

■ 44.9785, 0.2220,
0.2640

■ 40.7799, 0.2117,
0.2517

■ 37.0928, 0.2035,
0.2393

■ 33.8678, 0.1974,
0.2270

■ 31.8477, 0.1941,
0.2186

Harmonies

Analogous

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



74.9252, 0.2947, 0.3268



74.9252, 0.2925, 0.3181



74.9252, 0.2956, 0.3125

Triad

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



74.9252, 0.2925, 0.3181



74.9252, 0.3238, 0.3218



74.9252, 0.3219, 0.3473

Complementary

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



74.9252, 0.2925, 0.3181



72.2644, 0.3352, 0.3397

Split Complementary

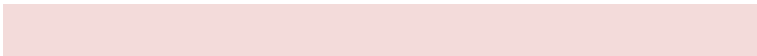
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9252, 0.3300, 0.3456



74.9252, 0.2925, 0.3181



74.9252, 0.3311, 0.3307

Square

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



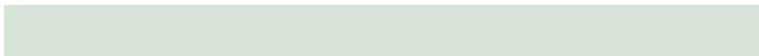
74.9252, 0.2925, 0.3181



74.9252, 0.3136, 0.3147



74.9252, 0.3334, 0.3394



74.9252, 0.3115, 0.3439

Rectangle

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



74.9252, 0.2925, 0.3181



74.9252, 0.3004, 0.3112



74.9252, 0.3334, 0.3394



74.9252, 0.3250, 0.3473

Sweetspot

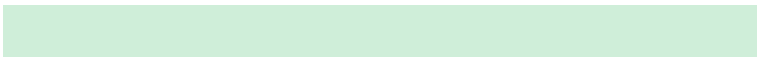
The Sweet Spot groups the original color and five complimentary colors.



74.9283, 0.2925, 0.3181



96.0432, 0.3065, 0.3258



79.4046, 0.3052, 0.3523



20.4012, 0.3054, 0.3252



0.0000, 0.0000, 0.0000



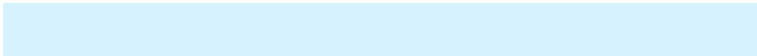
21.4041, 0.3127, 0.3290

Same Dimension

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



74.9283, 0.2925, 0.3181



84.9853, 0.2878, 0.3154



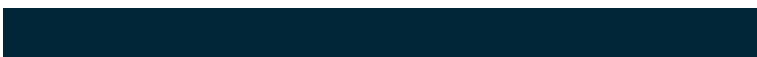
66.8353, 0.2920, 0.3010



17.0227, 0.2981, 0.3212



18.0118, 0.1946, 0.2205



1.6775, 0.1990, 0.2365

Inverse Universe

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



68.3770, 0.3212, 0.3069



75.8587, 0.3235, 0.3016



80.5653, 0.3330, 0.3556



15.9400, 0.3187, 0.3131



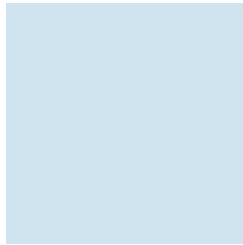
11.6117, 0.4227, 0.2102



0.9841, 0.4059, 0.2010

Previews

White Background



This preview shows how the Yxy color 74.9252, 0.2925, 0.3181 looks on a white background.

Color Contrast Check

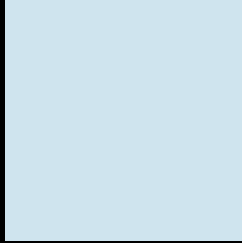
Large Text (above 18pt) WCAG AA × Fail

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 74.9252, 0.2925, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

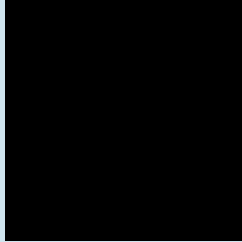
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

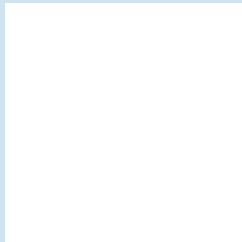
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9252, 0.2925, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 74.9252, 0.2925, 0.3181.

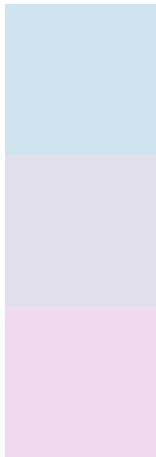


This preview shows how white text looks on a background with the Yxy color 74.9252, 0.2925, 0.3181.

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

74.9252, 0.2925, 0.3181

Protanopia

74.7811, 0.3064, 0.3163

Deuteranopia

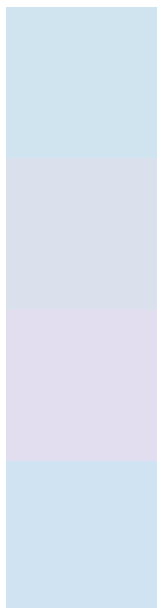
74.7848, 0.3131, 0.3065



Tritanopia

74.9406, 0.2890, 0.3096

Trichromacy



Original Color

74.9252, 0.2925, 0.3181

Protanomaly

74.8120, 0.3010, 0.3172

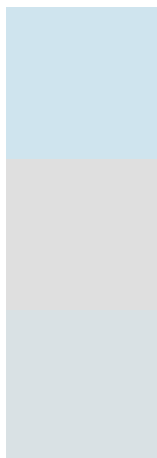
Deuteranomaly

74.8054, 0.3052, 0.3111

Tritanomaly

74.7589, 0.2908, 0.3127

Monochromacy



Original Color

74.9252, 0.2925, 0.3181

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.2036, 0.3053, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9252, 0.2925, 0.3181 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(207, 228, 238)` looks like.

```
.text, #text, p{  
    color:rgb(207, 228, 238)  
}
```

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(207, 228, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 228, 238) }
```

Border

The CSS property to change the border of an element to Yxy 74.9252, 0.2925, 0.3181 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(207, 228, 238) }
```

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

```
.border{ border-color:rgb(207, 228, 238) }
```

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

Here you see how a box with a 4 pixel rgb(207, 228, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 228, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 228, 238);  
box-shadow:4px 4px 4px 4px rgb(207, 228,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9252, 0.2925, 0.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 228, 238) }
```

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

```
.background{ background-color: rgb(207,  
228, 238) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor