

Converting Colors

$Yxy(75.1382, 0.2938, 0.3180)$

Have a look what the booklet for
Yxy(75.1382, 0.2938, 0.3180)
contains.

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Color

Yxy(75.2152, 0.2938, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	D1E4EE
RGB	209, 228, 238
RGB Percent	82%, 89%, 93%
CMY	0.1805, 0.1059, 0.0666
CMYK	0.12, 0.04, 0.00, 0.07
HSL	201°, 46%, 88%
HSV	201°, 12%, 93%
XYZ	69.4694, 75.2152, 91.7668
YIQ	223.4590, -14.5340, -0.9180

Conversions

Conversions Part 2

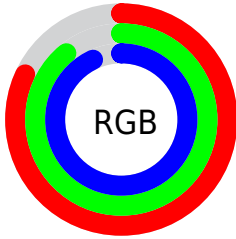
Format	Color
R _Y B	209, 220, 238
Decimal	13755630
CIE Lab	89.49, -4.32, -7.03
CIE LCh	89, 8.255, 238.408
Yxy	75.2152, 0.2938, 0.3181
Android (android.graphics.Color)	4291945710 (0xFFD1E4EE)
YUV	223.4590, 7.1687, -12.6805
Hunter-Lab	86.7267, -8.7905, -2.0269

Details

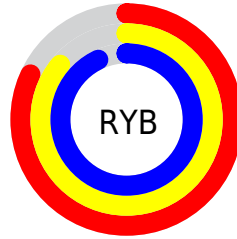
The Yxy color **75.2152, 0.2938, 0.3181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4493, 0.3335, 0.3397**, and the grayscale version is **74.0918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1346, 0.2893, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **67.5904, 0.2782, 0.3081**, and if you desaturate by 10%, it is **83.5796, 0.3093, 0.3271**.

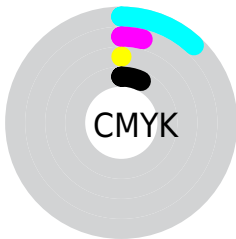
Distribution



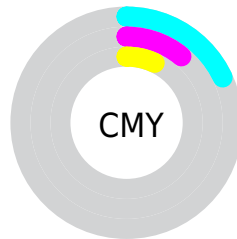
- Red (82%)
- Green (89%)
- Blue (93%)



- Red (82%)
- Yellow (86%)
- Blue (93%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2152, 0.2938, 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 75.2152, 0.2938, 0.3181 by changing the saturation by 10% instead.

■ 75.2152, 0.2938,
0.3181

■ 75.2152, 0.2938,
0.3181

478.6569, 0.3025,
0.3232

■ 55.7892, 0.2918,
0.3169

126.6169, 0.2968,
0.3199

■ 40.0339, 0.2894,
0.3155

159.3615, 0.2980,
0.3205

■ 27.5650, 0.2864,
0.3137

197.3143, 0.2990,
0.3211

■ 17.9980, 0.2825,
0.3113

240.8599, 0.2998,
0.3217

■ 10.9486, 0.2771,
0.3080

290.3825, 0.3006,
0.3221

■ 6.0323, 0.2696,
0.3032

346.2666, 0.3013,

■ 2.8647, 0.2579,

0.3225

0.2958

408.8966, 0.3019,
0.3229

■ 1.0615, 0.2379,
0.2823

■ 0.0000, 0.0000,
0.0000

■ 75.2152, 0.2938,
0.3181

■ 75.2152, 0.2938,
0.3181

■ 67.5904, 0.2782,
0.3081

■ 83.5796, 0.3093,
0.3271

■ 60.6698, 0.2628,
0.2972

■ 92.3963, 0.3235,
0.3353

■ 54.4291, 0.2481,
0.2855

■ 97.4607, 0.3228,
0.3431

■ 48.8383, 0.2342,
0.2730

■ 98.9548, 0.3226,
0.3454

■ 43.8649, 0.2218,
0.2600

■ 39.4728, 0.2110,
0.2467

■ 35.6205, 0.2023,
0.2333

■ 32.2591, 0.1956,
0.2201

■ 29.9209, 0.1917,
0.2100

Harmonies

Analogous

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



75.2152, 0.2953, 0.3261



75.2152, 0.2938, 0.3181



75.2152, 0.2972, 0.3132

Triad

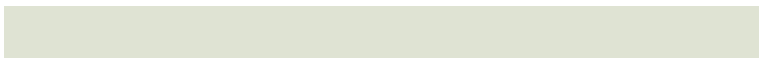
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2152, 0.2938, 0.3181



75.2152, 0.3240, 0.3230



75.2152, 0.3205, 0.3461

Complementary

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



75.2152, 0.2938, 0.3181



73.4493, 0.3335, 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.



75.2152, 0.3283, 0.3449



75.2152, 0.2938, 0.3181



75.2152, 0.3304, 0.3315

Square

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



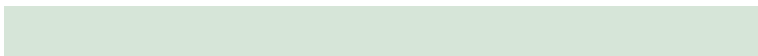
75.2152, 0.2938, 0.3181



75.2152, 0.3146, 0.3161



75.2152, 0.3320, 0.3395



75.2152, 0.3106, 0.3425

Rectangle

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



75.2152, 0.2938, 0.3181



75.2152, 0.3019, 0.3123



75.2152, 0.3320, 0.3395



75.2152, 0.3234, 0.3462

Sweetspot

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



75.2183, 0.2938, 0.3181



95.8918, 0.3065, 0.3256



79.8155, 0.3054, 0.3501



20.3628, 0.3054, 0.3249



0.0000, 0.0000, 0.0000



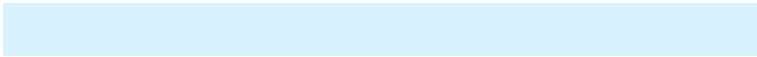
21.4041, 0.3127, 0.3290

Same Dimension

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



75.2183, 0.2938, 0.3181



85.3208, 0.2893, 0.3154



67.7308, 0.2935, 0.3024



16.9573, 0.2980, 0.3207



16.9388, 0.1922, 0.2120



1.5938, 0.1970, 0.2292

Inverse Universe

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



69.3758, 0.3211, 0.3091



77.1559, 0.3233, 0.3043



81.1690, 0.3316, 0.3543



15.9334, 0.3191, 0.3136



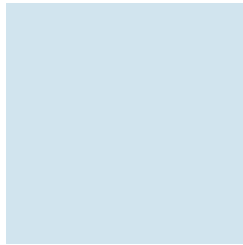
11.5033, 0.4319, 0.2153



0.9756, 0.4135, 0.2051

Previews

White Background



This preview shows how the Yxy color 75.2152, 0.2938, 0.3181 looks on a white background.

Color Contrast Check

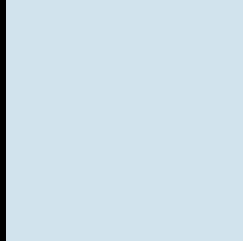
Large Text (above 18pt) WCAG AA × Fail

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 75.2152, 0.2938, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

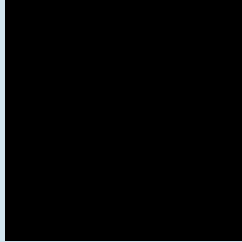
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

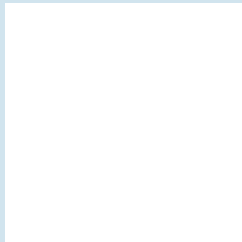
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2152, 0.2938, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 75.2152, 0.2938, 0.3181.

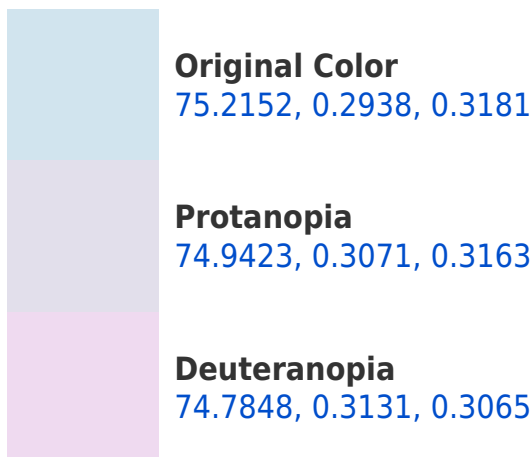


This preview shows how white text looks on a background with the Yxy color 75.2152, 0.2938, 0.3181.

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

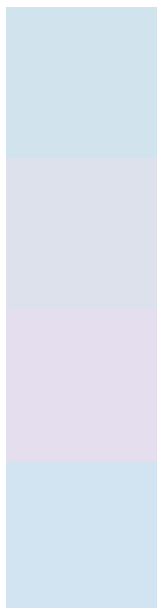




Tritanopia

75.2324, 0.2903, 0.3097

Trichromacy



Original Color

75.2152, 0.2938, 0.3181

Protanomaly

75.1222, 0.3023, 0.3173

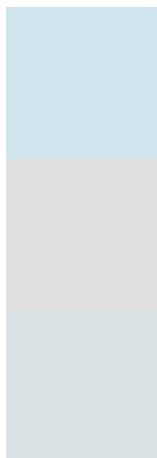
Deuteranomaly

74.9685, 0.3059, 0.3112

Tritanomaly

75.0506, 0.2921, 0.3128

Monochromacy



Original Color

75.2152, 0.2938, 0.3181

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.3573, 0.3060, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2152, 0.2938, 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(209, 228, 238)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 228, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 228, 238) }
```

Border

The CSS property to change the border of an element to Yxy 75.2152, 0.2938, 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(209, 228, 238) }
```

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

```
.border{ border-color:rgb(209, 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(209, 228, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 228, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 228, 238);  
box-shadow:4px 4px 4px 4px rgb(209, 228,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2152, 0.2938, 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(209, 228, 238) }
```

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

```
.background{ background-color: rgb(209,  
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](#).

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