

Converting Colors

$Yxy(74.3241, 0.2932, 0.3137)$

Have a look what the booklet for
Yxy(74.3241, 0.2932, 0.3137)
contains.

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Color

Yxy(74.3856, 0.2932, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	D2E2F0
RGB	210, 226, 240
RGB Percent	82%, 89%, 94%
CMY	0.1765, 0.1137, 0.0587
CMYK	0.13, 0.06, 0.00, 0.06
HSL	208°, 50%, 88%
HSV	208°, 13%, 94%
XYZ	69.5024, 74.3856, 93.1598
YIQ	222.8120, -14.0300, 0.9620

Conversions

Conversions Part 2

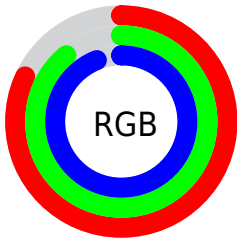
Format	Color
R _Y B	210, 220, 240
Decimal	13820656
CIE Lab	89.10, -2.58, -8.65
CIE LCh	89, 9.029, 253.428
Yxy	74.3856, 0.2932, 0.3138
Android (android.graphics.Color)	4292010736 (0xFFD2E2F0)
YUV	222.8120, 8.4737, -11.2361
Hunter-Lab	86.2471, -7.0878, -3.6691

Details

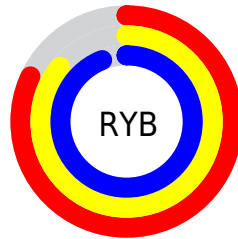
The Yxy color **74.3856, 0.2932, 0.3138** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.5003, 0.3336, 0.3437**, and the grayscale version is **73.5986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5551, 0.2885, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **65.2301, 0.2771, 0.3001**, and if you desaturate by 10%, it is **84.4739, 0.3089, 0.3261**.

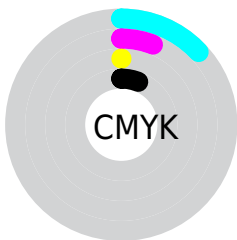
Distribution



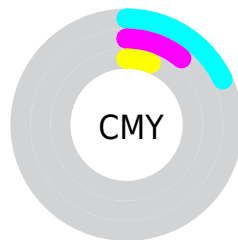
- Red (82%)
- Green (89%)
- Blue (94%)



- Red (82%)
- Yellow (86%)
- Blue (94%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (18%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3856, 0.2932, 0.3138 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 74.3856, 0.2932, 0.3138 by changing the saturation by 10% instead.

■ 74.3856, 0.2932,
0.3138

■ 74.3856, 0.2932,
0.3138

475.8031, 0.3022,
0.3208

■ 55.1097, 0.2912,
0.3122

125.4423, 0.2963,
0.3162

■ 39.4896, 0.2887,
0.3102

157.9918, 0.2975,
0.3172

■ 27.1408, 0.2855,
0.3077

195.7347, 0.2985,
0.3180

■ 17.6790, 0.2814,
0.3044

239.0554, 0.2994,
0.3187

■ 10.7198, 0.2759,
0.2999

288.3381, 0.3002,
0.3193

■ 5.8787, 0.2680,
0.2935

343.9674, 0.3010,

■ 2.7715, 0.2558,

0.3199

0.2834

406.3276, 0.3016,
0.3204

■ 1.0136, 0.2348,
0.2656

■ 0.0000, 0.0000,
0.0000

■ 74.3856, 0.2932,
0.3138

■ 74.3856, 0.2932,
0.3138

■ 65.2301, 0.2771,
0.3001

■ 84.4739, 0.3089,
0.3261

■ 56.9671, 0.2609,
0.2851

■ 94.9440, 0.3219,
0.3371

■ 49.5667, 0.2449,
0.2688

■ 99.0734, 0.3214,
0.3434

■ 42.9936, 0.2295,
0.2515

■ 37.2092, 0.2153,
0.2335

■ 32.1714, 0.2028,
0.2151

■ 27.8321, 0.1924,
0.1968

■ 24.1350, 0.1843,
0.1791

■ 21.7300, 0.1796,
0.1664

Harmonies

Analogous

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



74.3856, 0.2921, 0.3211



74.3856, 0.2932, 0.3138



74.3856, 0.2994, 0.3107

Triad

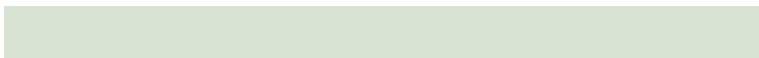
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3856, 0.2932, 0.3138



74.3856, 0.3292, 0.3270



74.3856, 0.3159, 0.3464

Complementary

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



74.3856, 0.2932, 0.3138



76.5003, 0.3336, 0.3437

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.



74.3856, 0.3260, 0.3478



74.3856, 0.2932, 0.3138



74.3856, 0.3338, 0.3364

Square

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



74.3856, 0.2932, 0.3138



74.3856, 0.3202, 0.3183



74.3856, 0.3326, 0.3440



74.3856, 0.3051, 0.3401

Rectangle

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



74.3856, 0.2932, 0.3138



74.3856, 0.3057, 0.3113



74.3856, 0.3326, 0.3440



74.3856, 0.3195, 0.3475

Sweetspot

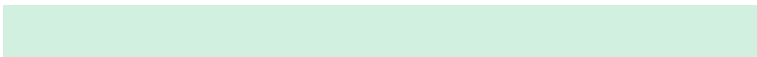
The Sweet Spot groups the original color and five complimentary colors.



74.3887, 0.2932, 0.3138



95.1163, 0.3066, 0.3244



81.4224, 0.3028, 0.3463



20.1664, 0.3054, 0.3235



0.0000, 0.0000, 0.0000



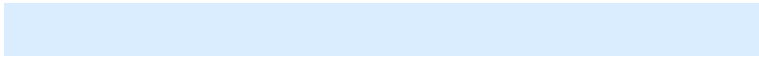
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3887, 0.2932, 0.3138



82.5863, 0.2892, 0.3105



66.5720, 0.2928, 0.2972



16.6245, 0.2980, 0.3177



12.1606, 0.1803, 0.1691



1.2107, 0.1866, 0.1917

Inverse Universe

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



70.1065, 0.3239, 0.3123



76.8799, 0.3265, 0.3088



84.9369, 0.3316, 0.3590



15.8998, 0.3210, 0.3165



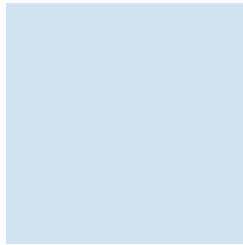
11.0210, 0.4818, 0.2428



0.9369, 0.4548, 0.2279

Previews

White Background



This preview shows how the Yxy color 74.3856, 0.2932, 0.3138 looks on a white background.

Color Contrast Check

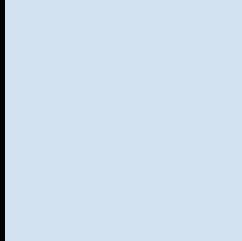
Large Text (above 18pt) WCAG AA × Fail

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 74.3856, 0.2932, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

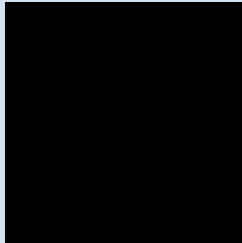
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

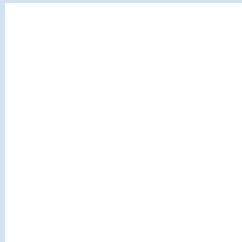
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3856, 0.2932, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 74.3856, 0.2932, 0.3138.



This preview shows how white text looks on a background with the Yxy color 74.3856, 0.2932, 0.3138.

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

74.3856, 0.2932, 0.3138

Protanopia

74.1036, 0.3031, 0.3120

Deuteranopia

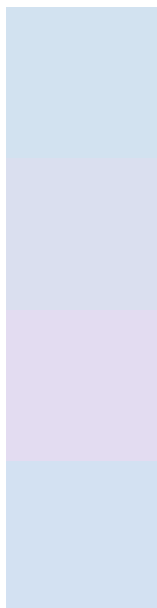
74.0410, 0.3104, 0.3033



Tritanopia

74.1704, 0.2921, 0.3096

Trichromacy



Original Color

74.3856, 0.2932, 0.3138

Protanomaly

73.9128, 0.2991, 0.3119

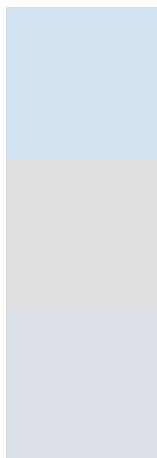
Deuteranomaly

73.8682, 0.3040, 0.3070

Tritanomaly

74.1101, 0.2927, 0.3107

Monochromacy



Original Color

74.3856, 0.2932, 0.3138

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.8739, 0.3054, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3856, 0.2932, 0.3138 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(210, 226, 240)` looks like.

```
.text, #text, p{  
    color:rgb(210, 226, 240)  
}
```

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(210, 226, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 226, 240) }
```

Border

The CSS property to change the border of an element to Yxy 74.3856, 0.2932, 0.3138 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(210, 226, 240) }
```

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

```
.border{ border-color:rgb(210, 226, 240) }
```

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

Here you see how a box with a 4 pixel rgb(210, 226, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 226, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 226, 240);  
box-shadow:4px 4px 4px 4px rgb(210, 226,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3856, 0.2932, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 226, 240) }
```

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

```
.background{ background-color: rgb(210,  
226, 240) }
```

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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