

Converting Colors

$Yxy(74.2884, 0.2988, 0.3191)$

Have a look what the booklet for
Yxy(74.2884, 0.2988, 0.3191)
contains.

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Color

Yxy(73.9947, 0.2982, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	D5E1EB
RGB	213, 225, 235
RGB Percent	84%, 88%, 92%
CMY	0.1647, 0.1176, 0.0783
CMYK	0.09, 0.04, 0.00, 0.08
HSL	207°, 36%, 88%
HSV	207°, 9%, 92%
XYZ	69.3657, 73.9947, 89.2542
YIQ	222.5520, -10.3620, 0.5660

Conversions

Conversions Part 2

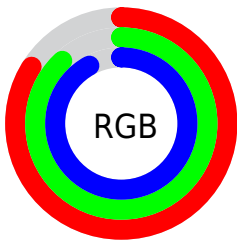
Format	Color
R_{YB}	213, 221, 235
Decimal	14017003
CIE _{Lab}	88.92, -2.08, -6.28
CIE _{LCh}	89, 6.615, 251.710
Yxy	73.9947, 0.2982, 0.3181
Android (android.graphics.Color)	4292207083 (0xFFD5E1EB)
YUV	222.5520, 6.1369, -8.3771
Hunter-Lab	86.0202, -6.5950, -1.3050

Details

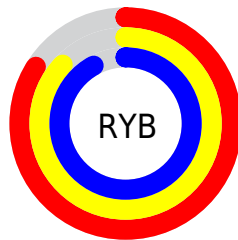
The Yxy color **73.9947, 0.2982, 0.3181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2713, 0.3280, 0.3397**, and the grayscale version is **73.4221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2732, 0.2948, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **65.1248, 0.2823, 0.3052**, and if you desaturate by 10%, it is **83.7433, 0.3137, 0.3297**.

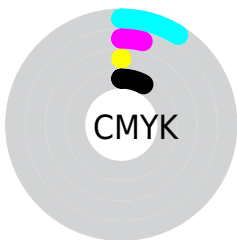
Distribution



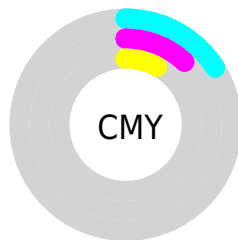
- Red (84%)
- Green (88%)
- Blue (92%)



- Red (84%)
- Yellow (87%)
- Blue (92%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (16%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9947, 0.2982, 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 73.9947, 0.2982, 0.3181 by changing the saturation by 10% instead.

■ 73.9947, 0.2982,
0.3181

■ 73.9947, 0.2982,
0.3181

474.4551, 0.3049,
0.3232

■ 54.7897, 0.2967,
0.3169

124.8883, 0.3005,
0.3199

■ 39.2334, 0.2948,
0.3155

157.3457, 0.3014,
0.3205

■ 26.9413, 0.2924,
0.3137

194.9893, 0.3022,
0.3211

■ 17.5292, 0.2894,
0.3113

238.2036, 0.3029,
0.3216

■ 10.6125, 0.2852,
0.3081

287.3729, 0.3035,
0.3221

■ 5.8069, 0.2792,
0.3034

342.8817, 0.3040,

■ 2.7280, 0.2699,

0.3225

0.2960

405.1143, 0.3045,
0.3228

0.9914, 0.2535,
0.2828

0.0000, 0.0000,
0.0000

73.9947, 0.2982,
0.3181

73.9947, 0.2982,
0.3181

65.1248, 0.2823,
0.3052

83.7433, 0.3137,
0.3297

57.0958, 0.2661,
0.2910

93.4256, 0.3252,
0.3401

49.8807, 0.2501,
0.2755

98.7806, 0.3244,
0.3483

43.4471, 0.2347,
0.2590

■ 37.7602, 0.2202,
0.2416

■ 32.7816, 0.2073,
0.2237

■ 28.4683, 0.1963,
0.2058

■ 24.7706, 0.1876,
0.1883

■ 21.6138, 0.1811,
0.1715

Harmonies

Analogous

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



73.9947, 0.2976, 0.3236



73.9947, 0.2982, 0.3181



73.9947, 0.3026, 0.3156

Triad

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



73.9947, 0.2982, 0.3181



73.9947, 0.3245, 0.3272



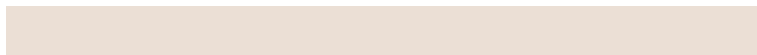
73.9947, 0.3155, 0.3419

Complementary

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



73.9947, 0.2982, 0.3181



75.2713, 0.3280, 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.



73.9947, 0.3228, 0.3427



73.9947, 0.2982, 0.3181



73.9947, 0.3281, 0.3341

Square

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



73.9947, 0.2982, 0.3181



73.9947, 0.3178, 0.3208



73.9947, 0.3274, 0.3398



73.9947, 0.3076, 0.3375

Rectangle

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



73.9947, 0.2982, 0.3181



73.9947, 0.3072, 0.3158



73.9947, 0.3274, 0.3398



73.9947, 0.3182, 0.3426

Sweetspot

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



73.9978, 0.2982, 0.3181



96.3744, 0.3081, 0.3256



78.9103, 0.3055, 0.3421



20.4242, 0.3069, 0.3247



0.0000, 0.0000, 0.0000



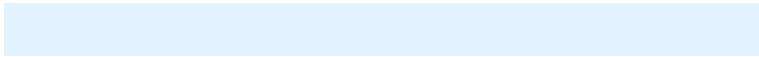
21.4041, 0.3127, 0.3290

Same Dimension

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



73.9978, 0.2982, 0.3181



87.1789, 0.2956, 0.3160



68.2923, 0.2981, 0.3061



15.9080, 0.2981, 0.3180



12.1807, 0.1814, 0.1731



1.1485, 0.1879, 0.1965

Inverse Universe

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



70.6947, 0.3207, 0.3164



82.5949, 0.3223, 0.3140



81.2848, 0.3268, 0.3509



15.1913, 0.3208, 0.3162



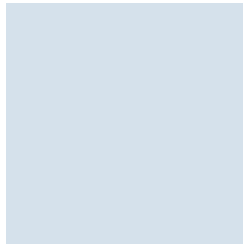
10.7225, 0.4769, 0.2401



0.8614, 0.4493, 0.2249

Previews

White Background



This preview shows how the Yxy color 73.9947, 0.2982, 0.3181 looks on a white background.

Color Contrast Check

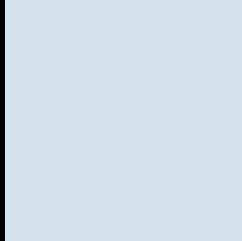
Large Text (above 18pt) WCAG AA × Fail

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 73.9947, 0.2982, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

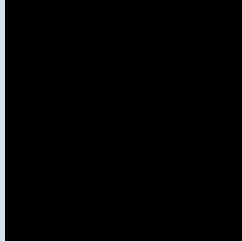
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

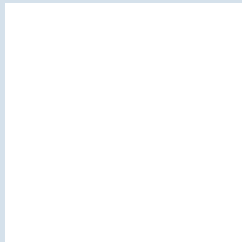
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9947, 0.2982, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 73.9947, 0.2982, 0.3181.

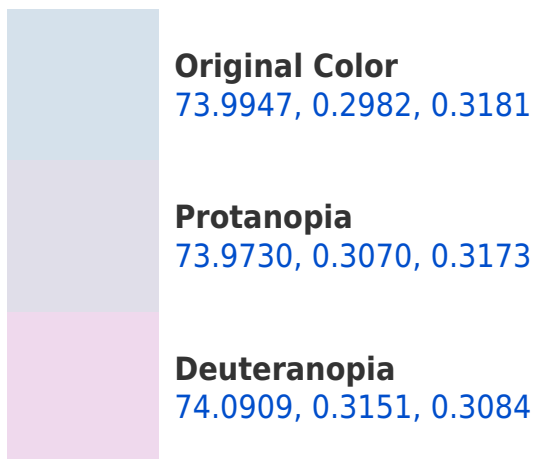


This preview shows how white text looks on a background with the Yxy color 73.9947, 0.2982, 0.3181.

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

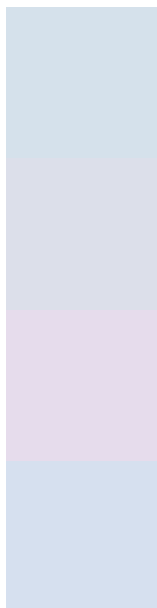




Tritanopia

74.0183, 0.2946, 0.3097

Trichromacy



Original Color

73.9947, 0.2982, 0.3181

Protanomaly

73.9315, 0.3036, 0.3172

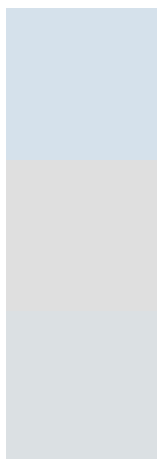
Deuteranomaly

74.0655, 0.3093, 0.3122

Tritanomaly

73.8394, 0.2964, 0.3128

Monochromacy



Original Color

73.9947, 0.2982, 0.3181

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.9174, 0.3073, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9947, 0.2982, 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(213, 225, 235)` looks like.

```
.text, #text, p{  
    color:rgb(213, 225, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 225, 235) }
```

Border

The CSS property to change the border of an element to Yxy 73.9947, 0.2982, 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(213, 225, 235) }
```

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

```
.border{ border-color:rgb(213, 225, 235) }
```

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, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 225, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 225, 235);  
box-shadow:4px 4px 4px 4px rgb(213, 225,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9947, 0.2982, 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(213, 225, 235) }
```

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

```
.background{ background-color: rgb(213,  
225, 235) }
```

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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