

Converting Colors

$Yxy(73.3895, 0.2972, 0.3179)$

Have a look what the booklet for
Yxy(73.3895, 0.2972, 0.3179)
contains.

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Color

Yxy(73.1584, 0.2969, 0.3170)

Conversions

Conversions Part 1

Format	Color
Hex	D3E0EB
RGB	211, 224, 235
RGB Percent	83%, 88%, 92%
CMY	0.1725, 0.1216, 0.0784
CMYK	0.10, 0.05, 0.00, 0.08
HSL	208°, 37%, 87%
HSV	208°, 10%, 92%
XYZ	68.5196, 73.1584, 89.1055
YIQ	221.3670, -11.2790, 0.6650

Conversions

Conversions Part 2

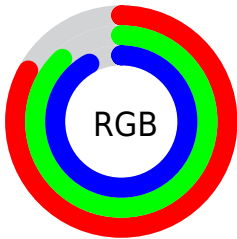
Format	Color
R_{YB}	211, 219, 235
Decimal	13885675
CIE _{Lab}	88.52, -2.20, -6.86
CIE _{LCh}	89, 7.206, 252.195
Yxy	73.1584, 0.2969, 0.3170
Android (android.graphics.Color)	4292075755 (0xFFD3E0EB)
YUV	221.3670, 6.7211, -9.0919
Hunter-Lab	85.5327, -6.6871, -1.8938

Details

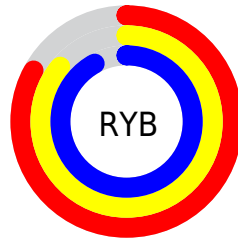
The Yxy color **73.1584, 0.2969, 0.3170** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6225, 0.3294, 0.3407**, and the grayscale version is **72.5396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6985, 0.2931, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **64.3267, 0.2809, 0.3039**, and if you desaturate by 10%, it is **82.8712, 0.3124, 0.3288**.

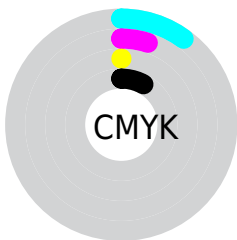
Distribution



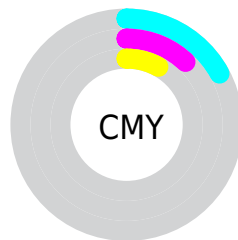
- Red (83%)
- Green (88%)
- Blue (92%)



- Red (83%)
- Yellow (86%)
- Blue (92%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (17%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.1584, 0.2969, 0.3170 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 73.1584, 0.2969, 0.3170 by changing the saturation by 10% instead.

■ 73.1584, 0.2969,
0.3170

■ 73.1584, 0.2969,
0.3170

471.5636, 0.3042,
0.3226

■ 54.1055, 0.2952,
0.3157

123.7021, 0.2994,
0.3189

■ 38.6860, 0.2932,
0.3141

155.9616, 0.3004,
0.3197

■ 26.5155, 0.2906,
0.3121

193.3921, 0.3013,
0.3203

■ 17.2097, 0.2872,
0.3095

236.3781, 0.3020,
0.3209

■ 10.3841, 0.2826,
0.3059

285.3038, 0.3026,
0.3214

■ 5.6544, 0.2761,
0.3007

340.5537, 0.3032,

■ 2.6361, 0.2658,

0.3218

0.2925

402.5122, 0.3037,
0.3222

0.9448, 0.2477,
0.2776

0.0000, 0.0000,
0.0000

73.1584, 0.2969,
0.3170

73.1584, 0.2969,
0.3170

64.3267, 0.2809,
0.3039

82.8712, 0.3124,
0.3288

56.3382, 0.2648,
0.2895

92.9050, 0.3253,
0.3393

49.1655, 0.2488,
0.2738

98.7781, 0.3244,
0.3483

42.7760, 0.2333,
0.2570

■ 37.1344, 0.2190,
0.2395

■ 32.2018, 0.2061,
0.2215

■ 27.9347, 0.1953,
0.2034

■ 24.2824, 0.1867,
0.1858

■ 21.2216, 0.1804,
0.1693

Harmonies

Analogous

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



73.1584, 0.2962, 0.3230



73.1584, 0.2969, 0.3170



73.1584, 0.3018, 0.3143

Triad

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



73.1584, 0.2969, 0.3170



73.1584, 0.3257, 0.3271



73.1584, 0.3157, 0.3430

Complementary

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



73.1584, 0.2969, 0.3170



74.6225, 0.3294, 0.3407

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.



73.1584, 0.3237, 0.3440



73.1584, 0.2969, 0.3170



73.1584, 0.3295, 0.3347

Square

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



73.1584, 0.2969, 0.3170



73.1584, 0.3184, 0.3201



73.1584, 0.3288, 0.3409



73.1584, 0.3070, 0.3382

Rectangle

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



73.1584, 0.2969, 0.3170



73.1584, 0.3068, 0.3147



73.1584, 0.3288, 0.3409



73.1584, 0.3185, 0.3438

Sweetspot

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



73.1615, 0.2969, 0.3170



96.3587, 0.3081, 0.3256



78.5330, 0.3049, 0.3433



20.4200, 0.3069, 0.3247



0.0000, 0.0000, 0.0000



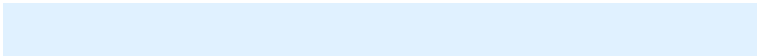
21.4041, 0.3127, 0.3290

Same Dimension

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



73.1615, 0.2969, 0.3170



86.0180, 0.2940, 0.3147



67.0494, 0.2968, 0.3039



15.8995, 0.2981, 0.3179



12.0694, 0.1811, 0.1720



1.1398, 0.1876, 0.1955

Inverse Universe

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



69.6447, 0.3215, 0.3153



81.1350, 0.3233, 0.3127



81.0989, 0.3280, 0.3529



15.1904, 0.3208, 0.3163



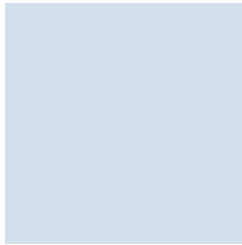
10.7112, 0.4782, 0.2408



0.8605, 0.4504, 0.2255

Previews

White Background



This preview shows how the Yxy color 73.1584, 0.2969, 0.3170 looks on a white background.

Color Contrast Check

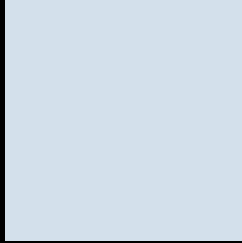
Large Text (above 18pt) WCAG AA × Fail

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 73.1584, 0.2969, 0.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

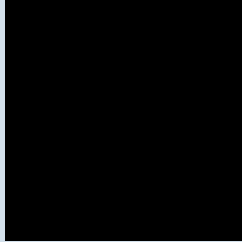
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

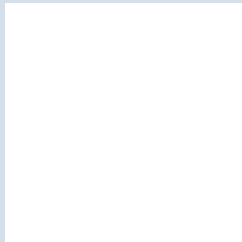
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1584, 0.2969, 0.3170

Background



This preview shows how black text looks on a background with the Yxy color 73.1584, 0.2969, 0.3170.

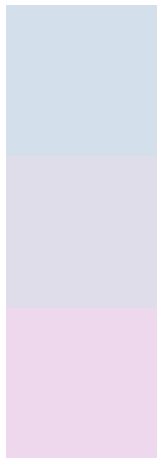


This preview shows how white text looks on a background with the Yxy color 73.1584, 0.2969, 0.3170.

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

73.1584, 0.2969, 0.3170

Protanopia

73.2841, 0.3063, 0.3162

Deuteranopia

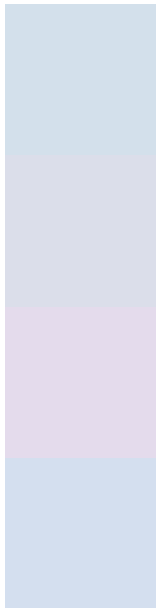
73.2307, 0.3137, 0.3073



Tritanopia

73.1233, 0.2939, 0.3096

Trichromacy



Original Color

73.1584, 0.2969, 0.3170

Protanomaly

73.2431, 0.3029, 0.3161

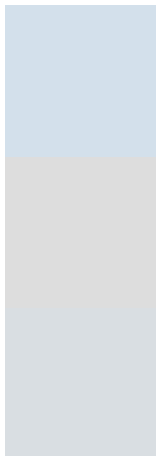
Deuteranomaly

73.2131, 0.3079, 0.3111

Tritanomaly

73.0044, 0.2951, 0.3117

Monochromacy



Original Color

73.1584, 0.2969, 0.3170

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.4853, 0.3066, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1584, 0.2969, 0.3170 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(211, 224, 235)` looks like.

```
.text, #text, p{  
    color:rgb(211, 224, 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(211, 224, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 224, 235) }
```

Border

The CSS property to change the border of an element to Yxy 73.1584, 0.2969, 0.3170 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(211, 224, 235) }
```

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

```
.border{ border-color:rgb(211, 224, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 224, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 224, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 224, 235);  
box-shadow:4px 4px 4px 4px rgb(211, 224,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1584, 0.2969, 0.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 224, 235) }
```

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

```
.background{ background-color: rgb(211,  
224, 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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