

Converting Colors

$Yxy(73.6457, 0.2970, 0.3357)$

Have a look what the booklet for
Yxy(73.6457, 0.2970, 0.3357)
contains.

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Color

Yxy(73.6457, 0.2970, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	C8E5DF
RGB	200, 229, 223
RGB Percent	78%, 90%, 87%
CMY	0.2157, 0.1019, 0.1256
CMYK	0.13, 0.00, 0.03, 0.10
HSL	168°, 36%, 84%
HSV	168°, 13%, 90%
XYZ	65.1557, 73.6457, 80.5781
YIQ	219.6450, -15.3580, -8.0140

Conversions

Conversions Part 2

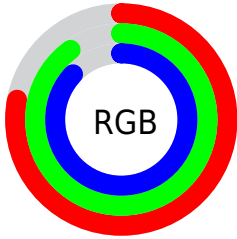
Format	Color
R _Y B	200, 216, 229
Decimal	13166047
CIE Lab	88.75, -10.66, -0.29
CIE LCh	89, 10.666, 181.572
Yxy	73.6457, 0.2970, 0.3357
Android (android.graphics.Color)	4291356127 (0xFFC8E5DF)
YUV	219.6450, 1.6540, -17.2287
Hunter-Lab	85.8171, -14.6556, 4.4015

Details

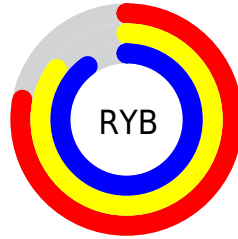
The Yxy color **73.6457, 0.2970, 0.3357** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.4262, 0.3311, 0.3224**, and the grayscale version is **71.3073, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2102, 0.2934, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **70.4751, 0.2853, 0.3416**, and if you desaturate by 10%, it is **77.3019, 0.3094, 0.3303**.

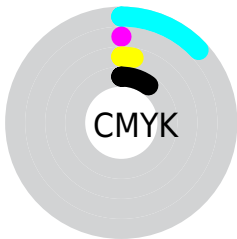
Distribution



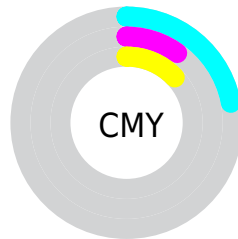
- Red (78%)
- Green (90%)
- Blue (87%)



- Red (78%)
- Yellow (85%)
- Blue (90%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (22%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6457, 0.2970, 0.3357 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 73.6457, 0.2970, 0.3357 by changing the saturation by 10% instead.

■ 73.6457, 0.2970,
0.3357

■ 73.6457, 0.2970,
0.3357

473.2497, 0.3043,
0.3326

■ 54.5041, 0.2953,
0.3364

124.3934, 0.2995,
0.3346

■ 39.0048, 0.2933,
0.3373

156.7684, 0.3005,
0.3342

■ 26.7635, 0.2907,
0.3384

194.3232, 0.3013,
0.3339

■ 17.3957, 0.2873,
0.3398

237.4423, 0.3021,
0.3336

■ 10.5170, 0.2827,
0.3417

286.5101, 0.3027,
0.3333

■ 5.7431, 0.2761,
0.3445

341.9110, 0.3033,

■ 2.6895, 0.2657,

0.3330

0.3489

404.0294, 0.3038,
0.3328

0.9719, 0.2436,
0.3582

0.0000, 0.0000,
0.0000

73.6457, 0.2970,
0.3357

73.6457, 0.2970,
0.3357

70.4751, 0.2853,
0.3416

77.3019, 0.3094,
0.3303

67.7599, 0.2745,
0.3480

81.4542, 0.3221,
0.3255

65.4807, 0.2649,
0.3548

83.4319, 0.3254,
0.3209

63.6129, 0.2569,
0.3619

83.7141, 0.3222,
0.3163

■ 62.1296, 0.2506,
0.3694

■ 84.0038, 0.3192,
0.3117

■ 61.0005, 0.2462,
0.3770

■ 84.3010, 0.3161,
0.3071

■ 60.1910, 0.2438,
0.3847

■ 84.5225, 0.3139,
0.3039

■ 59.6590, 0.2433,
0.3923

■ 59.3962, 0.2439,
0.3979

Harmonies

Analogous

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



73.6457, 0.3086, 0.3458



73.6457, 0.2970, 0.3357



73.6457, 0.2897, 0.3239

Triad

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



73.6457, 0.2970, 0.3357



73.6457, 0.3036, 0.3079



73.6457, 0.3377, 0.3436

Complementary

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



73.6457, 0.2970, 0.3357



62.4262, 0.3311, 0.3224

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.



73.6457, 0.3363, 0.3333



73.6457, 0.2970, 0.3357



73.6457, 0.3165, 0.3131

Square

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



73.6457, 0.2970, 0.3357



73.6457, 0.2934, 0.3081



73.6457, 0.3285, 0.3223



73.6457, 0.3322, 0.3502

Rectangle

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



73.6457, 0.2970, 0.3357



73.6457, 0.2881, 0.3168



73.6457, 0.3285, 0.3223



73.6457, 0.3380, 0.3404

Sweetspot

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



73.6488, 0.2970, 0.3357



97.9808, 0.3076, 0.3310



73.3756, 0.3155, 0.3618



20.8931, 0.3067, 0.3314



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.



73.6488, 0.2970, 0.3357



92.9521, 0.2941, 0.3371



69.5386, 0.2932, 0.3197



16.2824, 0.3009, 0.3339



33.9755, 0.2435, 0.3967



2.5236, 0.2404, 0.3856

Inverse Universe

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



62.4262, 0.3311, 0.3224



76.1767, 0.3353, 0.3211



66.0485, 0.3345, 0.3381



14.4167, 0.3260, 0.3241



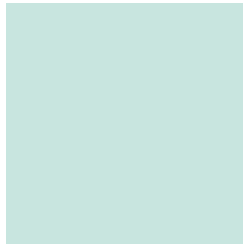
9.6584, 0.6049, 0.3106



0.7270, 0.5648, 0.2885

Previews

White Background



This preview shows how the Yxy color 73.6457, 0.2970, 0.3357 looks on a white background.

Color Contrast Check

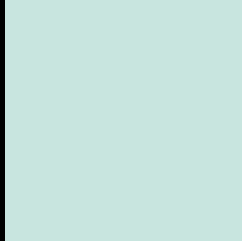
Large Text (above 18pt) WCAG AA × Fail

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 73.6457, 0.2970, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

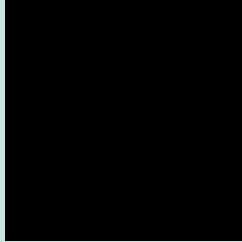
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

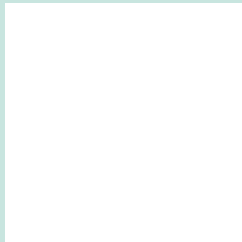
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6457, 0.2970, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 73.6457, 0.2970, 0.3357.

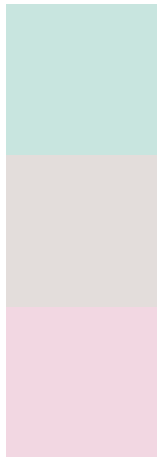


This preview shows how white text looks on a background with the Yxy color 73.6457, 0.2970, 0.3357.

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

73.6457, 0.2970, 0.3357

Protanopia

73.1583, 0.3183, 0.3312

Deuteranopia

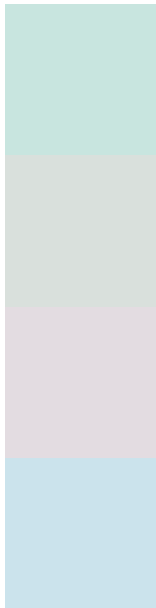
72.9691, 0.3249, 0.3176



Tritanopia

73.7617, 0.2870, 0.3094

Trichromacy



Original Color

73.6457, 0.2970, 0.3357

Protanomaly

73.2303, 0.3104, 0.3334

Deuteranomaly

72.9535, 0.3144, 0.3237

Tritanomaly

73.6908, 0.2911, 0.3191

Monochromacy



Original Color

73.6457, 0.2970, 0.3357

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.1419, 0.3070, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6457, 0.2970, 0.3357 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(200, 229, 223)` looks like.

```
.text, #text, p{  
    color:rgb(200, 229, 223)  
}
```

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(200, 229, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 229, 223) }
```

Border

The CSS property to change the border of an element to Yxy 73.6457, 0.2970, 0.3357 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(200, 229, 223) }
```

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

```
.border{ border-color:rgb(200, 229, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 229, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 229, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 229, 223);  
box-shadow:4px 4px 4px 4px rgb(200, 229,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6457, 0.2970, 0.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 229, 223) }
```

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

```
.background{ background-color: rgb(200,  
229, 223) }
```

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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