

Converting Colors

$Yxy(74.1454, 0.2933, 0.3323)$

Have a look what the booklet for
Yxy(74.1454, 0.2933, 0.3323)
contains.

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Color

Yxy(74.1454, 0.2933, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	C6E6E3
RGB	198, 230, 227
RGB Percent	78%, 90%, 89%
CMY	0.2237, 0.0980, 0.1098
CMYK	0.14, 0.00, 0.01, 0.10
HSL	174°, 39%, 84%
HSV	174°, 14%, 90%
XYZ	65.4434, 74.1454, 83.5391
YIQ	220.0900, -18.1090, -7.7170

Conversions

Conversions Part 2

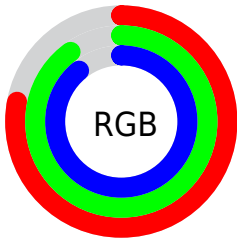
Format	Color
R _Y B	198, 215, 230
Decimal	13035235
CIE Lab	88.99, -11.03, -2.07
CIE LCh	89, 11.226, 190.648
Yxy	74.1454, 0.2933, 0.3323
Android (android.graphics.Color)	4291225315 (0xFFC6E6E3)
YUV	220.0900, 3.4066, -19.3729
Hunter-Lab	86.1077, -15.0253, 2.7541

Details

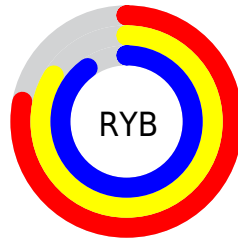
The Yxy color **74.1454, 0.2933, 0.3323** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.4118, 0.3361, 0.3257**, and the grayscale version is **71.6190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1800, 0.2887, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **71.1388, 0.2803, 0.3349**, and if you desaturate by 10%, it is **77.6342, 0.3071, 0.3299**.

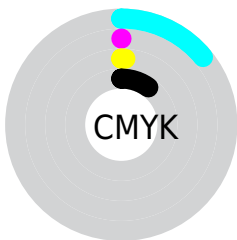
Distribution



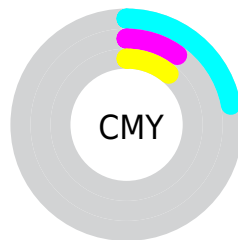
- Red (78%)
- Green (90%)
- Blue (89%)



- Red (78%)
- Yellow (84%)
- Blue (90%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)





- Cyan (22%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1454, 0.2933, 0.3323 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 74.1454, 0.2933, 0.3323 by changing the saturation by 10% instead.


 74.1454, 0.2933,
0.3323

 74.1454, 0.2933,
0.3323


474.9750, 0.3022,
0.3308

 54.9131, 0.2913,
0.3326


125.1019, 0.2964,
0.3318

 39.3321, 0.2888,
0.3330

157.5948, 0.2976,
0.3316

 27.0182, 0.2856,
0.3335


195.2768, 0.2986,
0.3314

 17.5869, 0.2815,
0.3341

238.5321, 0.2995,
0.3313

 10.6538, 0.2759,
0.3349

287.7452, 0.3003,
0.3312

 5.8346, 0.2679,
0.3360

343.3004, 0.3010,

 2.7447, 0.2555,

0.3310

405.5823, 0.3017,
0.3309

0.3376

1.0000, 0.2309,
0.3412

0.0000, 0.0000,
0.0000

74.1454, 0.2933,
0.3323

74.1454, 0.2933,
0.3323

71.1388, 0.2803,
0.3349

77.6342, 0.3071,
0.3299

68.5840, 0.2685,
0.3377


81.6161, 0.3215,
0.3277


66.4608, 0.2581,
0.3407


83.7721, 0.3277,
0.3256


64.7445, 0.2493,
0.3438

83.8966, 0.3263,
0.3235

 63.4075, 0.2424,
0.3470

 84.0225, 0.3249,
0.3214

 62.4187, 0.2374,
0.3503


 84.1500, 0.3235,
0.3193


 61.7423, 0.2344,
0.3535

 84.2790, 0.3221,
0.3172

 61.3347, 0.2331,
0.3567

 84.4096, 0.3207,
0.3151

 61.1769, 0.2330,
0.3586

 84.5416, 0.3193,
0.3130

Harmonies

Analogous

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



74.1454, 0.3044, 0.3438



74.1454, 0.2933, 0.3323



74.1454, 0.2874, 0.3201

Triad

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



74.1454, 0.2933, 0.3323



74.1454, 0.3071, 0.3080



74.1454, 0.3379, 0.3469

Complementary

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



74.1454, 0.2933, 0.3323



61.4118, 0.3361, 0.3257

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.



74.1454, 0.3387, 0.3370



74.1454, 0.2933, 0.3323



74.1454, 0.3208, 0.3148

Square

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



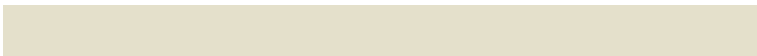
74.1454, 0.2933, 0.3323



74.1454, 0.2952, 0.3064



74.1454, 0.3324, 0.3254



74.1454, 0.3302, 0.3522

Rectangle

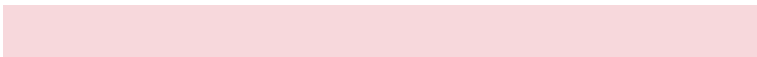
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1454, 0.2933, 0.3323



74.1454, 0.2871, 0.3133



74.1454, 0.3324, 0.3254



74.1454, 0.3390, 0.3440

Sweetspot

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



74.1485, 0.2933, 0.3323



98.0550, 0.3070, 0.3299



73.1176, 0.3132, 0.3657



20.9120, 0.3059, 0.3301



0.0000, 0.0000, 0.0000



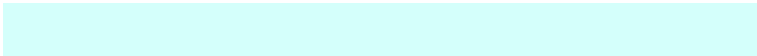
21.4041, 0.3127, 0.3290

Same Dimension

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



74.1485, 0.2933, 0.3323



92.4259, 0.2891, 0.3331



67.4400, 0.2911, 0.3145



16.3119, 0.2994, 0.3312



34.6400, 0.2328, 0.3581



2.5666, 0.2315, 0.3534

Inverse Universe

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



61.4118, 0.3361, 0.3257



73.1154, 0.3425, 0.3250



67.3815, 0.3364, 0.3431



14.3898, 0.3278, 0.3268



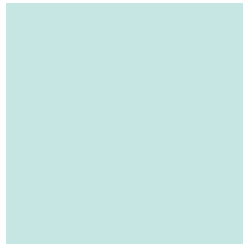
9.5639, 0.6291, 0.3239



0.7143, 0.6030, 0.3095

Previews

White Background



This preview shows how the Yxy color 74.1454, 0.2933, 0.3323 looks on a white background.

Color Contrast Check

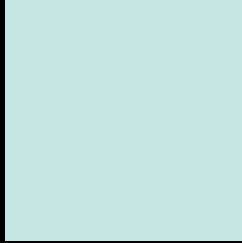
Large Text (above 18pt) WCAG AA × Fail

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 74.1454, 0.2933, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

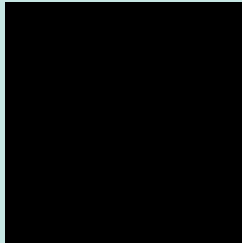
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

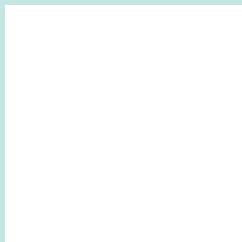
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1454, 0.2933, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 74.1454, 0.2933, 0.3323.

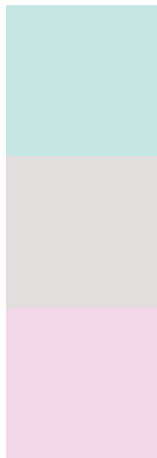


This preview shows how white text looks on a background with the Yxy color 74.1454, 0.2933, 0.3323.

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

74.1454, 0.2933, 0.3323

Protanopia

73.8474, 0.3163, 0.3290

Deuteranopia

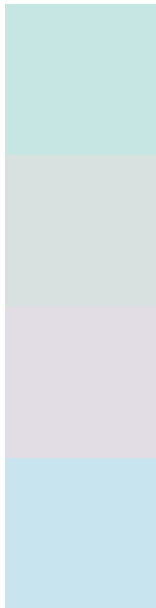
73.7022, 0.3221, 0.3146



Tritanopia

73.9482, 0.2846, 0.3093

Trichromacy



Original Color

74.1454, 0.2933, 0.3323

Protanomaly

73.8312, 0.3071, 0.3301

Deuteranomaly

73.5388, 0.3110, 0.3205

Tritanomaly

73.9392, 0.2881, 0.3179

Monochromacy



Original Color

74.1454, 0.2933, 0.3323

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.6361, 0.3050, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1454, 0.2933, 0.3323 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(198, 230, 227)` looks like.

```
.text, #text, p{  
    color:rgb(198, 230, 227)  
}
```

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(198, 230, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 230, 227) }
```

Border

The CSS property to change the border of an element to Yxy 74.1454, 0.2933, 0.3323 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(198, 230, 227) }
```

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

```
.border{ border-color:rgb(198, 230, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 230, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 230, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 230, 227);  
box-shadow:4px 4px 4px 4px rgb(198, 230,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1454, 0.2933, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 230, 227) }
```

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

```
.background{ background-color: rgb(198,  
230, 227) }
```

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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