

Converting Colors

$Y_{xy}(74.0239, 0.2975, 0.3321)$

Have a look what the booklet for
Yxy(74.0239, 0.2975, 0.3321)
contains.

Yxy(74.2261, 0.2971, 0.3323)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.2261, 0.2971, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	CBE5E2
RGB	203, 229, 226
RGB Percent	80%, 90%, 89%
CMY	0.2041, 0.1019, 0.1137
CMYK	0.11, 0.00, 0.01, 0.10
HSL	173°, 33%, 85%
HSV	173°, 11%, 90%
XYZ	66.3634, 74.2261, 82.7812
YIQ	220.8840, -14.5330, -6.4450

Conversions

Conversions Part 2

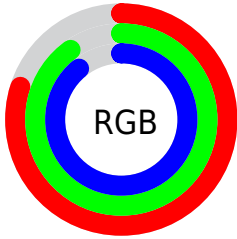
Format	Color
R _Y B	203, 217, 229
Decimal	13362658
CIE Lab	89.03, -9.14, -1.45
CIE LCh	89, 9.252, 189.037
Yxy	74.2261, 0.2971, 0.3323
Android (android.graphics.Color)	4291552738 (0xFFCBE5E2)
YUV	220.8840, 2.5222, -15.6843
Hunter-Lab	86.1546, -13.2749, 3.3397

Details

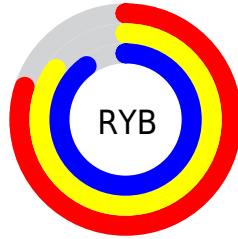
The Yxy color **74.2261, 0.2971, 0.3323** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.8004, 0.3308, 0.3257**, and the grayscale version is **72.2057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6019, 0.2936, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **71.1045, 0.2842, 0.3355**, and if you desaturate by 10%, it is **77.8310, 0.3108, 0.3294**.

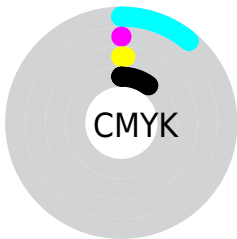
Distribution



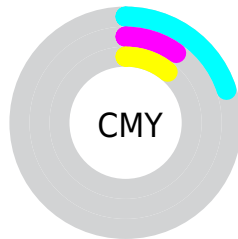
- Red (80%)
- Green (90%)
- Blue (89%)



- Red (80%)
- Yellow (85%)
- Blue (90%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)



- Cyan (20%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2261, 0.2971, 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 74.2261, 0.2971, 0.3323 by changing the saturation by 10% instead.

■ 74.2261, 0.2971,
0.3323

■ 74.2261, 0.2971,
0.3323

475.2533, 0.3043,
0.3308

■ 54.9791, 0.2955,
0.3326

125.2163, 0.2996,
0.3318

■ 39.3850, 0.2935,
0.3330

157.7282, 0.3006,
0.3316

■ 27.0594, 0.2909,
0.3335

195.4307, 0.3014,
0.3314

■ 17.6178, 0.2876,
0.3342

238.7079, 0.3021,
0.3313

■ 10.6759, 0.2831,
0.3351

287.9444, 0.3028,
0.3311

■ 5.8494, 0.2766,
0.3363

343.5246, 0.3033,

■ 2.7537, 0.2665,

0.3310

0.3381

405.8328, 0.3038,
0.3309

1.0045, 0.2473,
0.3417

0.0000, 0.0000,
0.0000

74.2261, 0.2971,
0.3323

74.2261, 0.2971,
0.3323

71.1045, 0.2842,
0.3355

77.8310, 0.3108,
0.3294

68.4363, 0.2722,
0.3389


81.9295, 0.3249,
0.3267

66.2021, 0.2616,
0.3426


83.2475, 0.3275,
0.3242

64.3778, 0.2526,
0.3464

83.4009, 0.3258,
0.3216

 62.9370, 0.2454,
0.3504

 83.5567, 0.3240,
0.3190

 61.8498, 0.2400,
0.3544

 83.7147, 0.3223,
0.3164


 61.0823, 0.2367,
0.3585

 83.8750, 0.3206,
0.3138

 60.5936, 0.2351,
0.3625

 84.0377, 0.3189,
0.3113

 60.3384, 0.2350,
0.3659

 84.2027, 0.3172,
0.3088

Harmonies

Analogous

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



74.2261, 0.3065, 0.3416



74.2261, 0.2971, 0.3323



74.2261, 0.2919, 0.3222

Triad

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



74.2261, 0.2971, 0.3323



74.2261, 0.3076, 0.3114



74.2261, 0.3336, 0.3434

Complementary

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



74.2261, 0.2971, 0.3323



63.8004, 0.3308, 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.



74.2261, 0.3340, 0.3352



74.2261, 0.2971, 0.3323



74.2261, 0.3188, 0.3169

Square

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



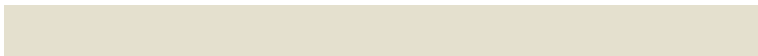
74.2261, 0.2971, 0.3323



74.2261, 0.2979, 0.3104



74.2261, 0.3285, 0.3255



74.2261, 0.3276, 0.3480

Rectangle

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



74.2261, 0.2971, 0.3323



74.2261, 0.2915, 0.3165



74.2261, 0.3285, 0.3255



74.2261, 0.3344, 0.3410

Sweetspot

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



74.2292, 0.2971, 0.3323



98.5210, 0.3085, 0.3298



73.4784, 0.3134, 0.3585



21.0050, 0.3074, 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.



74.2292, 0.2971, 0.3323



93.5834, 0.2935, 0.3331



69.0221, 0.2951, 0.3178



16.3062, 0.2997, 0.3317



34.5033, 0.2348, 0.3653



2.5579, 0.2332, 0.3595

Inverse Universe

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



63.8004, 0.3308, 0.3257



77.4307, 0.3358, 0.3249



68.5281, 0.3318, 0.3400



14.3950, 0.3274, 0.3263



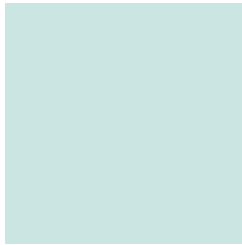
9.5771, 0.6256, 0.3220



0.7167, 0.5951, 0.3052

Previews

White Background



This preview shows how the Yxy color 74.2261, 0.2971, 0.3323 looks on a white background.

Color Contrast Check

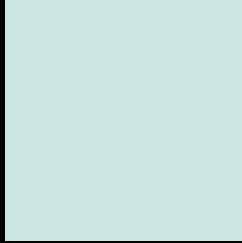
Large Text (above 18pt) WCAG AA × Fail

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 74.2261, 0.2971, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

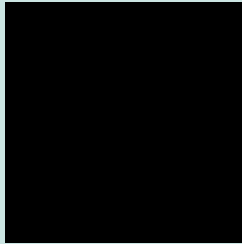
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

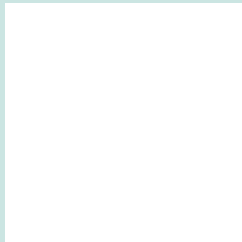
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2261, 0.2971, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 74.2261, 0.2971, 0.3323.

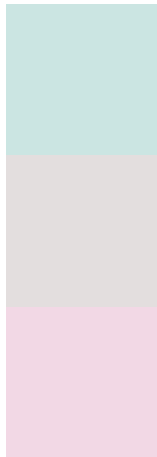


This preview shows how white text looks on a background with the Yxy color 74.2261, 0.2971, 0.3323.

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

74.2261, 0.2971, 0.3323

Protanopia

73.8474, 0.3163, 0.3290

Deuteranopia

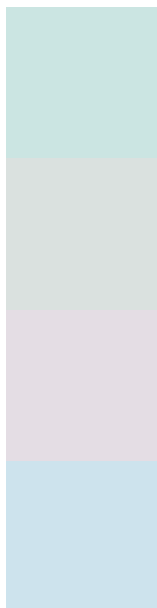
73.6461, 0.3228, 0.3156



Tritanopia

74.0462, 0.2883, 0.3095

Trichromacy



Original Color

74.2261, 0.2971, 0.3323

Protanomaly

74.0836, 0.3091, 0.3312

Deuteranomaly

73.8083, 0.3131, 0.3216

Tritanomaly

74.0317, 0.2918, 0.3180

Monochromacy



Original Color

74.2261, 0.2971, 0.3323

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.9352, 0.3064, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2261, 0.2971, 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(203, 229, 226)` looks like.

```
.text, #text, p{  
    color:rgb(203, 229, 226)  
}
```

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(203, 229, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 229, 226) }
```

Border

The CSS property to change the border of an element to Yxy 74.2261, 0.2971, 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(203, 229, 226) }
```

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

```
.border{ border-color:rgb(203, 229, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 229, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 229, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 229, 226);  
box-shadow:4px 4px 4px 4px rgb(203, 229,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2261, 0.2971, 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(203, 229, 226) }
```

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

```
.background{ background-color: rgb(203,  
229, 226) }
```

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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