

Converting Colors

$Yxy(74.1576, 0.2968, 0.3327)$

Have a look what the booklet for
Yxy(74.1576, 0.2968, 0.3327)
contains.

Yxy(74.0862, 0.2965, 0.3323)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.0862, 0.2965, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	CAE5E2
RGB	202, 229, 226
RGB Percent	79%, 90%, 89%
CMY	0.2078, 0.1019, 0.1138
CMYK	0.12, 0.00, 0.01, 0.10
HSL	173°, 34%, 85%
HSV	173°, 12%, 90%
XYZ	66.1046, 74.0862, 82.7589
YIQ	220.5850, -15.1290, -6.6570

Conversions

Conversions Part 2

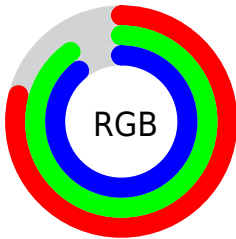
Format	Color
RYP	202, 216, 229
Decimal	13297122
CIELab	88.96, -9.43, -1.55
CIElCh	89, 9.557, 189.339
Yxy	74.0862, 0.2965, 0.3323
Android (android.graphics.Color)	4291487202 (0xFFCAE5E2)
YUV	220.5850, 2.6696, -16.2990
Hunter-Lab	86.0733, -13.5398, 3.2444

Details

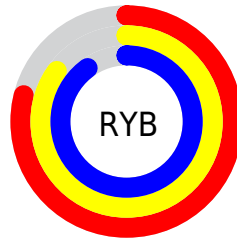
The Yxy color **74.0862, 0.2965, 0.3323** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.3143, 0.3316, 0.3257**, and the grayscale version is **71.9918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5083, 0.2927, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **70.9887, 0.2835, 0.3354**, and if you desaturate by 10%, it is **77.6660, 0.3102, 0.3295**.

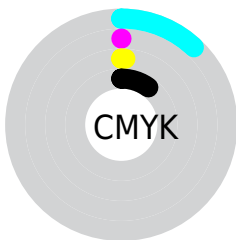
Distribution



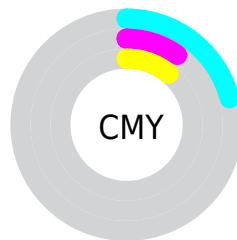
- Red (79%)
- Green (90%)
- Blue (89%)



- Red (79%)
- Yellow (85%)
- Blue (90%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)



- Cyan (21%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0862, 0.2965, 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 74.0862, 0.2965, 0.3323 by changing the saturation by 10% instead.

■ 74.0862, 0.2965,
0.3323

■ 74.0862, 0.2965,
0.3323

474.7708, 0.3040,
0.3308

■ 54.8646, 0.2948,
0.3326

125.0180, 0.2991,
0.3318

■ 39.2933, 0.2927,
0.3330

157.4970, 0.3001,
0.3316

■ 26.9880, 0.2901,
0.3335

195.1639, 0.3010,
0.3314

■ 17.5642, 0.2866,
0.3342

238.4031, 0.3017,
0.3313

■ 10.6376, 0.2819,
0.3351

287.5990, 0.3024,
0.3311

■ 5.8237, 0.2752,
0.3363

343.1360, 0.3030,

■ 2.7382, 0.2647,

0.3310

405.3984, 0.3035,
0.3309

0.3381

0.9966, 0.2445,
0.3417

0.0000, 0.0000,
0.0000

74.0862, 0.2965,
0.3323

74.0862, 0.2965,
0.3323

70.9887, 0.2835,
0.3354

77.6660, 0.3102,
0.3295

68.3435, 0.2716,
0.3387


81.7383, 0.3244,
0.3269


66.1312, 0.2610,
0.3423

83.2217, 0.3277,
0.3244

64.3276, 0.2520,
0.3460


83.3695, 0.3260,
0.3219

 62.9060, 0.2448,
0.3498


 83.5194, 0.3244,
0.3194


 61.8367, 0.2396,
0.3537


 83.6714, 0.3227,
0.3169


 61.0853, 0.2362,
0.3576

 83.8256, 0.3210,
0.3145

 60.6108, 0.2348,
0.3614

 83.9819, 0.3194,
0.3120

 60.3731, 0.2346,
0.3646

 84.1405, 0.3177,
0.3096

Harmonies

Analogous

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



74.0862, 0.3061, 0.3420



74.0862, 0.2965, 0.3323



74.0862, 0.2912, 0.3219

Triad

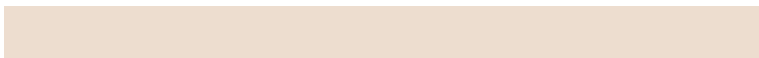
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0862, 0.2965, 0.3323



74.0862, 0.3075, 0.3109



74.0862, 0.3343, 0.3440

Complementary

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



74.0862, 0.2965, 0.3323



63.3143, 0.3316, 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.



74.0862, 0.3347, 0.3355



74.0862, 0.2965, 0.3323



74.0862, 0.3191, 0.3166

Square

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



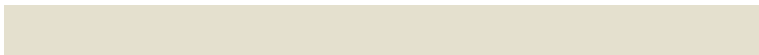
74.0862, 0.2965, 0.3323



74.0862, 0.2975, 0.3098



74.0862, 0.3291, 0.3255



74.0862, 0.3280, 0.3487

Rectangle

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



74.0862, 0.2965, 0.3323



74.0862, 0.2908, 0.3160



74.0862, 0.3291, 0.3255



74.0862, 0.3351, 0.3415

Sweetspot

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



74.0893, 0.2965, 0.3323



98.0434, 0.3071, 0.3301



73.3075, 0.3134, 0.3596



20.9090, 0.3060, 0.3303



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.



74.0893, 0.2965, 0.3323



93.5925, 0.2934, 0.3330



68.6997, 0.2945, 0.3174



16.3072, 0.2996, 0.3316



34.5284, 0.2344, 0.3640



2.5595, 0.2329, 0.3583

Inverse Universe

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



63.3143, 0.3316, 0.3257



77.4229, 0.3359, 0.3251



68.1900, 0.3325, 0.3404



14.3940, 0.3275, 0.3264



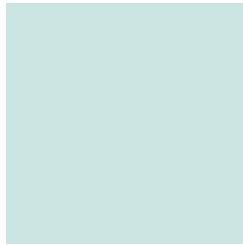
9.5745, 0.6263, 0.3224



0.7163, 0.5965, 0.3060

Previews

White Background



This preview shows how the Yxy color 74.0862, 0.2965, 0.3323 looks on a white background.

Color Contrast Check

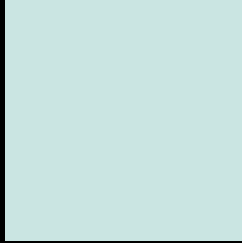
Large Text (above 18pt) WCAG AA × Fail

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 74.0862, 0.2965, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

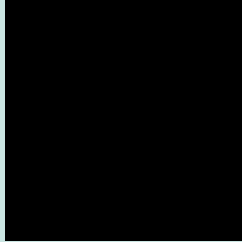
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

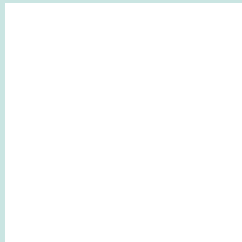
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0862, 0.2965, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 74.0862, 0.2965, 0.3323.

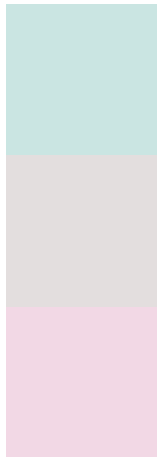


This preview shows how white text looks on a background with the Yxy color 74.0862, 0.2965, 0.3323.

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

74.0862, 0.2965, 0.3323

Protanopia

73.8474, 0.3163, 0.3290

Deuteranopia

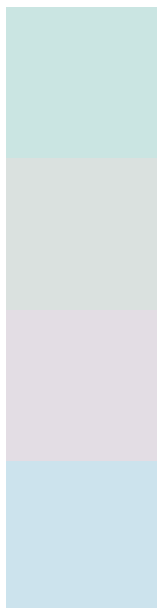
73.6461, 0.3228, 0.3156



Tritanopia

73.9035, 0.2877, 0.3094

Trichromacy



Original Color

74.0862, 0.2965, 0.3323

Protanomaly

74.0836, 0.3091, 0.3312

Deuteranomaly

73.6452, 0.3124, 0.3216

Tritanomaly

73.8900, 0.2912, 0.3180

Monochromacy



Original Color

74.0862, 0.2965, 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 74.0862, 0.2965, 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(202, 229, 226)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 229, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 229, 226) }
```

Border

The CSS property to change the border of an element to Yxy 74.0862, 0.2965, 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(202, 229, 226) }
```

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

```
.border{ border-color:rgb(202, 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(202, 229, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 229, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 229, 226);  
box-shadow:4px 4px 4px 4px rgb(202, 229,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0862, 0.2965, 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(202, 229, 226) }
```

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

```
.background{ background-color: rgb(202,  
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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