

Converting Colors

$Yxy(74.5518, 0.2944, 0.3289)$

Have a look what the booklet for
Yxy(74.5518, 0.2944, 0.3289)
contains.

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Color

Yxy(74.3084, 0.2941, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	CAE5E6
RGB	202, 229, 230
RGB Percent	79%, 90%, 90%
CMY	0.2077, 0.1020, 0.0979
CMYK	0.12, 0.00, 0.00, 0.10
HSL	182°, 36%, 85%
HSV	182°, 12%, 90%
XYZ	66.6690, 74.3084, 85.7108
YIQ	221.0410, -16.4130, -5.4130

Conversions

Conversions Part 2

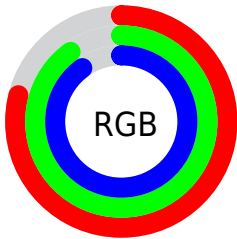
Format	Color
RYP	202, 216, 230
Decimal	13297126
CIELab	89.07, -8.62, -3.51
CIElCh	89, 9.314, 202.172
Yxy	74.3084, 0.2941, 0.3278
Android (android.graphics.Color)	4291487206 (0xFFCAE5E6)
YUV	221.0410, 4.4168, -16.6990
Hunter-Lab	86.2023, -12.8019, 1.3897

Details

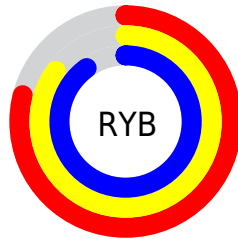
The Yxy color **74.3084, 0.2941, 0.3278** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.8378, 0.3346, 0.3302**, and the grayscale version is **72.3204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6631, 0.2897, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **70.8689, 0.2797, 0.3267**, and if you desaturate by 10%, it is **78.2347, 0.3093, 0.3288**.

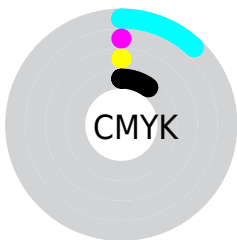
Distribution



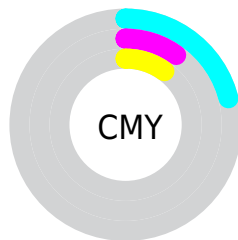
- Red (79%)
- Green (90%)
- Blue (90%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3084, 0.2941, 0.3278 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 74.3084, 0.2941, 0.3278 by changing the saturation by 10% instead.

■ 74.3084, 0.2941,
0.3278

■ 74.3084, 0.2941,
0.3278

475.5371, 0.3026,
0.3284

■ 55.0465, 0.2922,
0.3276

125.3329, 0.2971,
0.3280

■ 39.4389, 0.2898,
0.3274

157.8643, 0.2982,
0.3281

■ 27.1014, 0.2868,
0.3272

195.5876, 0.2992,
0.3282

■ 17.6494, 0.2828,
0.3268

238.8872, 0.3001,
0.3282

■ 10.6985, 0.2775,
0.3263

288.1476, 0.3008,
0.3283

■ 5.8645, 0.2699,
0.3254

343.7531, 0.3015,

■ 2.7629, 0.2582,

0.3283

0.3240

406.0881, 0.3021,
0.3284

1.0092, 0.2367,
0.3212

0.0000, 0.0000,
0.0000

74.3084, 0.2941,
0.3278

74.3084, 0.2941,
0.3278

70.8689, 0.2797,
0.3267

78.2347, 0.3093,
0.3288

67.8858, 0.2664,
0.3256

82.6582, 0.3251,
0.3297

65.3396, 0.2546,
0.3244

84.4298, 0.3299,
0.3305

63.2055, 0.2444,
0.3232

84.9077, 0.3298,
0.3314

■ 61.4567, 0.2361,
0.3219

■ 85.3880, 0.3297,
0.3322

■ 60.0628, 0.2297,
0.3207

■ 85.8705, 0.3296,
0.3331

■ 58.9890, 0.2253,
0.3194

■ 86.3553, 0.3295,
0.3339

■ 58.1932, 0.2226,
0.3182

■ 86.8425, 0.3294,
0.3347

■ 57.7116, 0.2215,
0.3173

■ 87.3320, 0.3293,
0.3356

Harmonies

Analogous

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



74.3084, 0.3019, 0.3379



74.3084, 0.2941, 0.3278



74.3084, 0.2912, 0.3183

Triad

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



74.3084, 0.2941, 0.3278



74.3084, 0.3124, 0.3132



74.3084, 0.3317, 0.3461

Complementary

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



74.3084, 0.2941, 0.3278



63.8378, 0.3346, 0.3302

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.



74.3084, 0.3347, 0.3392



74.3084, 0.2941, 0.3278



74.3084, 0.3235, 0.3203

Square

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



74.3084, 0.2941, 0.3278



74.3084, 0.3017, 0.3101



74.3084, 0.3317, 0.3298



74.3084, 0.3236, 0.3485

Rectangle

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



74.3084, 0.2941, 0.3278



74.3084, 0.2924, 0.3135



74.3084, 0.3317, 0.3298



74.3084, 0.3334, 0.3442

Sweetspot

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



74.3115, 0.2941, 0.3278



97.8766, 0.3065, 0.3286



73.4806, 0.3106, 0.3598



20.8666, 0.3053, 0.3285



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.



74.3115, 0.2941, 0.3278



92.5560, 0.2898, 0.3275



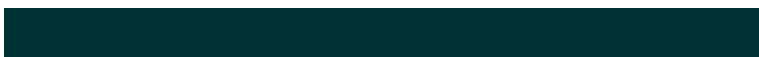
66.9272, 0.2938, 0.3122



16.2403, 0.2982, 0.3281



32.7059, 0.2215, 0.3175



2.4455, 0.2220, 0.3192

Inverse Universe

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



64.7421, 0.3149, 0.3002



77.8863, 0.3154, 0.2931



70.7008, 0.3326, 0.3453



14.6056, 0.3144, 0.3067



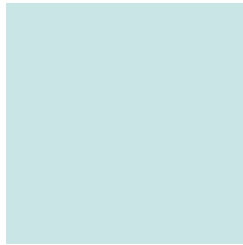
12.4994, 0.3303, 0.1593



0.9266, 0.3288, 0.1585

Previews

White Background



This preview shows how the Yxy color 74.3084, 0.2941, 0.3278 looks on a white background.

Color Contrast Check

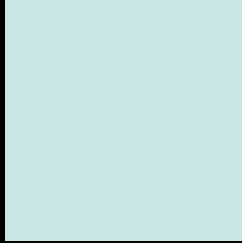
Large Text (above 18pt) WCAG AA × Fail

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 74.3084, 0.2941, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

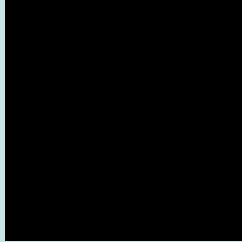
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

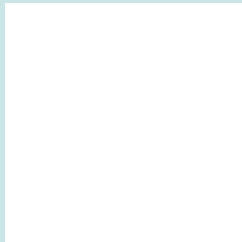
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3084, 0.2941, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 74.3084, 0.2941, 0.3278.

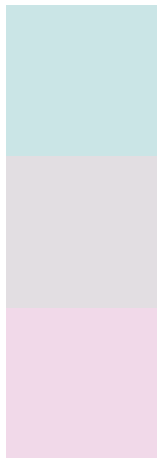


This preview shows how white text looks on a background with the Yxy color 74.3084, 0.2941, 0.3278.

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

74.3084, 0.2941, 0.3278

Protanopia

73.9023, 0.3129, 0.3247

Deuteranopia

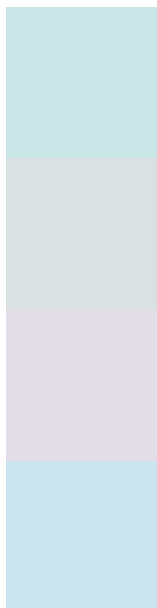
74.2097, 0.3192, 0.3126



Tritanopia

74.5099, 0.2871, 0.3095

Trichromacy



Original Color

74.3084, 0.2941, 0.3278

Protanomaly

74.1482, 0.3059, 0.3268

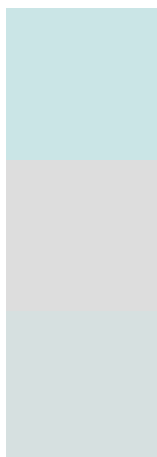
Deuteranomaly

73.8700, 0.3097, 0.3173

Tritanomaly

74.6154, 0.2894, 0.3159

Monochromacy



Original Color

74.3084, 0.2941, 0.3278

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.9893, 0.3058, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3084, 0.2941, 0.3278 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(202, 229, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 229, 230) }
```

Border

The CSS property to change the border of an element to Yxy 74.3084, 0.2941, 0.3278 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, 230) }
```

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

```
.border{ border-color:rgb(202, 229, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 229, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 229, 230);  
box-shadow:4px 4px 4px 4px rgb(202, 229,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3084, 0.2941, 0.3278 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, 230) }
```

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

```
.background{ background-color: rgb(202,  
229, 230) }
```

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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