

Converting Colors

$Yxy(74.1641, 0.2977, 0.3298)$

Have a look what the booklet for
Yxy(74.1641, 0.2977, 0.3298)
contains.

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Color

Yxy(74.0120, 0.2978, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	CDE4E3
RGB	205, 228, 227
RGB Percent	80%, 89%, 89%
CMY	0.1963, 0.1058, 0.1099
CMYK	0.10, 0.00, 0.00, 0.11
HSL	177°, 30%, 85%
HSV	177°, 10%, 89%
XYZ	66.7700, 74.0120, 83.4289
YIQ	221.0090, -13.3870, -5.1870

Conversions

Conversions Part 2

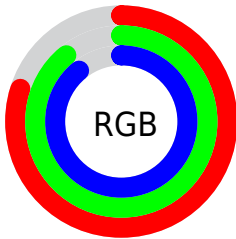
Format	Color
R _Y B	205, 217, 228
Decimal	13493475
CIE Lab	88.93, -7.80, -2.10
CIE LCh	89, 8.076, 195.089
Yxy	74.0120, 0.2978, 0.3301
Android (android.graphics.Color)	4291683555 (0xFFCDE4E3)
YUV	221.0090, 2.9536, -14.0399
Hunter-Lab	86.0302, -12.0150, 2.7240

Details

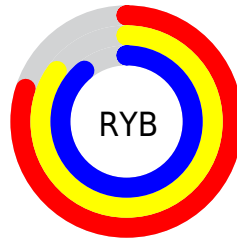
The Yxy color **74.0120, 0.2978, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5842, 0.3298, 0.3279**, and the grayscale version is **72.2930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4450, 0.2944, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **70.9501, 0.2839, 0.3313**, and if you desaturate by 10%, it is **77.5530, 0.3125, 0.3290**.

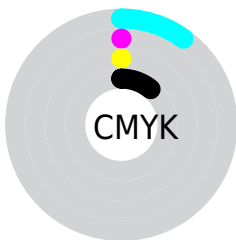
Distribution



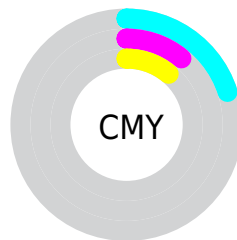
- Red (80%)
- Green (89%)
- Blue (89%)



- Red (80%)
- Yellow (85%)
- Blue (89%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0120, 0.2978, 0.3301 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 74.0120, 0.2978, 0.3301 by changing the saturation by 10% instead.

■ 74.0120, 0.2978,
0.3301

■ 74.0120, 0.2978,
0.3301

474.5148, 0.3047,
0.3296

■ 54.8039, 0.2962,
0.3302

124.9128, 0.3002,
0.3299

■ 39.2447, 0.2943,
0.3303

157.3743, 0.3011,
0.3299

■ 26.9501, 0.2919,
0.3305

195.0223, 0.3019,
0.3298

■ 17.5358, 0.2887,
0.3306

238.2413, 0.3026,
0.3298

■ 10.6172, 0.2844,
0.3308

287.4157, 0.3032,
0.3297

■ 5.8101, 0.2782,
0.3311


342.9298, 0.3037,

■ 2.7299, 0.2686,


0.3297


0.3314


405.1680, 0.3042,
0.3297


 0.9924, 0.2507,
0.3321


 0.0000, 0.0000,
0.0000


 74.0120, 0.2978,
0.3301


 74.0120, 0.2978,
0.3301


 70.9501, 0.2839,
0.3313

 77.5530, 0.3125,
0.3290

 68.3375, 0.2711,
0.3326


 81.5829, 0.3278,
0.3280

 66.1556, 0.2596,
0.3339

 82.4764, 0.3302,
0.3270

 64.3807, 0.2498,
0.3354


 82.5342, 0.3295,
0.3260

 62.9869, 0.2418,
0.3368


 82.5923, 0.3289,
0.3250


 61.9452, 0.2358,
0.3383

 82.6507, 0.3282,
0.3240


 61.2227, 0.2317,
0.3398

 82.7094, 0.3275,
0.3230

 60.7800, 0.2294,
0.3413

 82.7685, 0.3268,
0.3220

 60.5504, 0.2285,
0.3427

 82.8280, 0.3261,
0.3210

Harmonies

Analogous

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



74.0120, 0.3054, 0.3385



74.0120, 0.2978, 0.3301



74.0120, 0.2942, 0.3215

Triad

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



74.0120, 0.2978, 0.3301



74.0120, 0.3102, 0.3143



74.0120, 0.3303, 0.3428

Complementary

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



74.0120, 0.2978, 0.3301



64.5842, 0.3298, 0.3279

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.



74.0120, 0.3316, 0.3361



74.0120, 0.2978, 0.3301



74.0120, 0.3199, 0.3198

Square

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



74.0120, 0.2978, 0.3301



74.0120, 0.3012, 0.3125



74.0120, 0.3278, 0.3277



74.0120, 0.3242, 0.3459

Rectangle

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



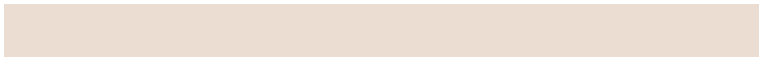
74.0120, 0.2978, 0.3301



74.0120, 0.2944, 0.3169



74.0120, 0.3278, 0.3277



74.0120, 0.3313, 0.3408

Sweetspot

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



74.0151, 0.2978, 0.3301



98.5557, 0.3082, 0.3293



73.0391, 0.3123, 0.3551



21.0144, 0.3070, 0.3294



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.



74.0151, 0.2978, 0.3301



94.5631, 0.2950, 0.3303



68.5257, 0.2971, 0.3174



16.3246, 0.2988, 0.3300



34.9607, 0.2285, 0.3425



2.5870, 0.2279, 0.3404

Inverse Universe

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



64.5842, 0.3298, 0.3279



80.2652, 0.3335, 0.3277



69.6690, 0.3293, 0.3404



14.3784, 0.3285, 0.3280



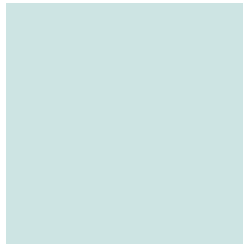
9.5418, 0.6352, 0.3273



0.7088, 0.6216, 0.3198

Previews

White Background



This preview shows how the Yxy color 74.0120, 0.2978, 0.3301 looks on a white background.

Color Contrast Check

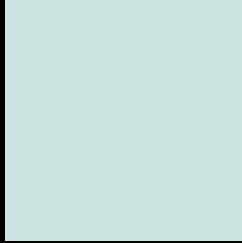
Large Text (above 18pt) WCAG AA × Fail

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 74.0120, 0.2978, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

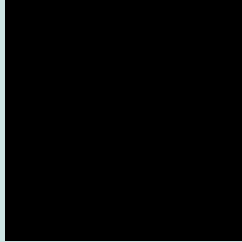
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

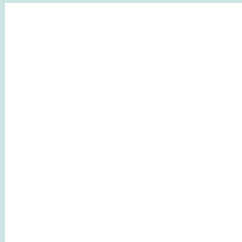
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0120, 0.2978, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 74.0120, 0.2978, 0.3301.

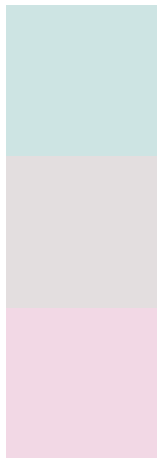


This preview shows how white text looks on a background with the Yxy color 74.0120, 0.2978, 0.3301.

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

74.0120, 0.2978, 0.3301

Protanopia

73.9012, 0.3156, 0.3279

Deuteranopia

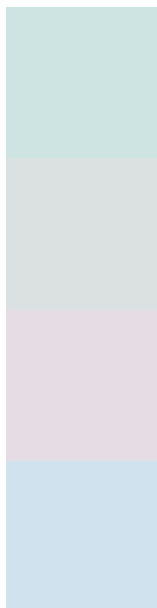
73.6461, 0.3228, 0.3156



Tritanopia

73.7314, 0.2901, 0.3095

Trichromacy



Original Color

74.0120, 0.2978, 0.3301

Protanomaly

73.7532, 0.3092, 0.3290

Deuteranomaly

73.4458, 0.3138, 0.3205

Tritanomaly

73.7725, 0.2931, 0.3170

Monochromacy



Original Color

74.0120, 0.2978, 0.3301

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.0861, 0.3071, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0120, 0.2978, 0.3301 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(205, 228, 227)` looks like.

```
.text, #text, p{  
    color:rgb(205, 228, 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(205, 228, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 228, 227) }
```

Border

The CSS property to change the border of an element to Yxy 74.0120, 0.2978, 0.3301 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(205, 228, 227) }
```

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

```
.border{ border-color:rgb(205, 228, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 228, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 228, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 228, 227); box-shadow:4px 4px 4px 4px rgb(205, 228, 227) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0120, 0.2978, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 228, 227) }
```

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

```
.background{ background-color: rgb(205,  
228, 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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