

Converting Colors

$Yxy(72.0683, 0.2938, 0.3289)$

Have a look what the booklet for
Yxy(72.0683, 0.2938, 0.3289)
contains.

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Color

Yxy(71.8895, 0.2938, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	C6E2E2
RGB	198, 226, 226
RGB Percent	78%, 89%, 89%
CMY	0.2235, 0.1137, 0.1136
CMYK	0.12, 0.00, 0.00, 0.11
HSL	180°, 33%, 83%
HSV	180°, 12%, 89%
XYZ	64.2175, 71.8895, 82.4686
YIQ	217.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

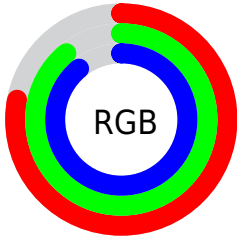
Format	Color
R_{YB}	198, 212, 226
Decimal	13034210
CIE _{Lab}	87.92, -9.17, -3.14
CIE _{LCh}	88, 9.694, 198.923
Yxy	71.8895, 0.2938, 0.3289
Android (android.graphics.Color)	4291224290 (0xFFC6E2E2)
YUV	217.6280, 4.1274, -17.2138
Hunter-Lab	84.7877, -13.1840, 1.6831

Details

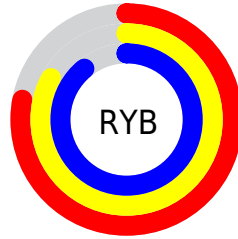
The Yxy color **71.8895, 0.2938, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.6609, 0.3351, 0.3291**, and the grayscale version is **69.8250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9954, 0.2893, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **69.0302, 0.2796, 0.3288**, and if you desaturate by 10%, it is **75.2132, 0.3090, 0.3290**.

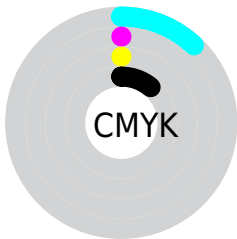
Distribution



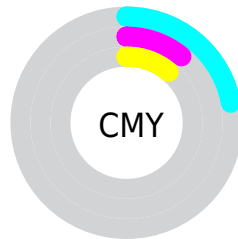
- Red (78%)
- Green (89%)
- Blue (89%)



- Red (78%)
- Yellow (83%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.8895, 0.2938, 0.3289 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 71.8895, 0.2938, 0.3289 by changing the saturation by 10% instead.

■ 71.8895, 0.2938,
0.3289

■ 71.8895, 0.2938,
0.3289

467.1569, 0.3025,
0.3290

■ 53.0684, 0.2918,
0.3289

121.8994, 0.2968,
0.3290

■ 37.8574, 0.2893,
0.3288

153.8570, 0.2980,
0.3290

■ 25.8720, 0.2862,
0.3287

190.9623, 0.2990,
0.3290

■ 16.7279, 0.2821,
0.3286

233.5996, 0.2999,
0.3290

■ 10.0407, 0.2766,
0.3284

282.1533, 0.3007,
0.3290

■ 5.4260, 0.2686,
0.3280

337.0078, 0.3014,

■ 2.4993, 0.2560,

0.3290

398.5476, 0.3020,
0.3290

0.3272

0.8763, 0.2277,
0.3276

0.0000, 0.0000,
0.0000

71.8895, 0.2938,
0.3289

71.8895, 0.2938,
0.3289

69.0302, 0.2796,
0.3288

75.2132, 0.3090,
0.3290

66.6060, 0.2666,
0.3287


79.0113, 0.3248,
0.3291

64.5982, 0.2551,
0.3287


81.1947, 0.3332,
0.3291

62.9832, 0.2454,
0.3286


81.2110, 0.3332,
0.3291

 61.7350, 0.2375,
0.3285

 81.2273, 0.3332,
0.3292

 60.8245, 0.2316,
0.3285

 81.2437, 0.3332,
0.3292

 60.2184, 0.2276,
0.3284

 81.2600, 0.3331,
0.3292

 59.8761, 0.2254,
0.3284

 81.2763, 0.3331,
0.3293

 59.7429, 0.2245,
0.3283

 81.2927, 0.3331,
0.3293

Harmonies

Analogous

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



71.8895, 0.3025, 0.3394



71.8895, 0.2938, 0.3289



71.8895, 0.2901, 0.3187

Triad

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



71.8895, 0.2938, 0.3289



71.8895, 0.3111, 0.3118



71.8895, 0.3334, 0.3464

Complementary

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



71.8895, 0.2938, 0.3289



60.6609, 0.3351, 0.3291

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.



71.8895, 0.3358, 0.3387



71.8895, 0.2938, 0.3289



71.8895, 0.3229, 0.3189

Square

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



71.8895, 0.2938, 0.3289



71.8895, 0.3000, 0.3091



71.8895, 0.3320, 0.3287



71.8895, 0.3253, 0.3496

Rectangle

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



71.8895, 0.2938, 0.3289



71.8895, 0.2910, 0.3134



71.8895, 0.3320, 0.3287



71.8895, 0.3349, 0.3442

Sweetspot

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



71.8925, 0.2938, 0.3289



98.1079, 0.3065, 0.3290



70.4973, 0.3112, 0.3615



20.9254, 0.3053, 0.3290



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.



71.8925, 0.2938, 0.3289



93.4211, 0.2899, 0.3289



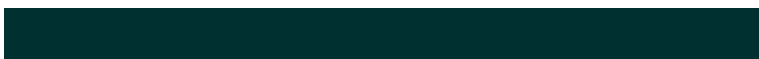
64.5979, 0.2934, 0.3129



15.5691, 0.2982, 0.3289



34.0722, 0.2245, 0.3283



2.3627, 0.2246, 0.3284

Inverse Universe

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



62.0573, 0.3142, 0.2986



77.9737, 0.3145, 0.2918



67.3504, 0.3331, 0.3446



13.9353, 0.3138, 0.3059



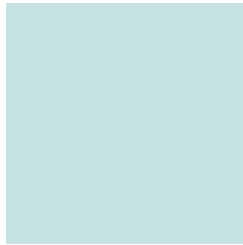
12.3477, 0.3212, 0.1543



0.8560, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 71.8895, 0.2938, 0.3289 looks on a white background.

Color Contrast Check

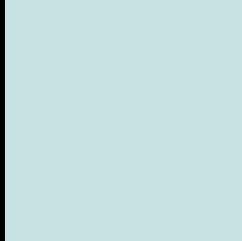
Large Text (above 18pt) WCAG AA × Fail

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 71.8895, 0.2938, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

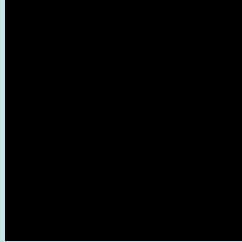
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

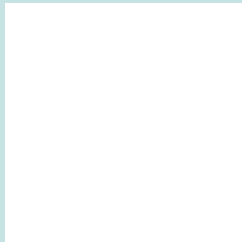
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8895, 0.2938, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 71.8895, 0.2938, 0.3289.

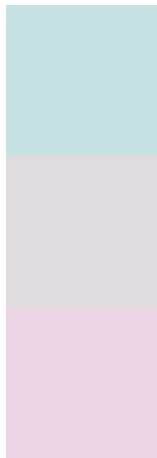


This preview shows how white text looks on a background with the Yxy color 71.8895, 0.2938, 0.3289.

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

71.8895, 0.2938, 0.3289

Protanopia

71.6249, 0.3136, 0.3258

Deuteranopia

71.4228, 0.3201, 0.3123



Tritanopia

72.0797, 0.2868, 0.3103

Trichromacy



Original Color

71.8895, 0.2938, 0.3289

Protanomaly

71.8664, 0.3065, 0.3279

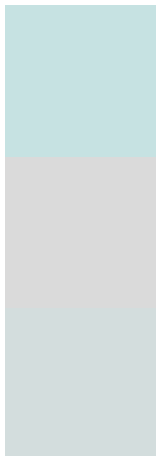
Deuteranomaly

71.4322, 0.3097, 0.3182

Tritanomaly

72.1859, 0.2891, 0.3168

Monochromacy



Original Color

71.8895, 0.2938, 0.3289

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.7822, 0.3057, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8895, 0.2938, 0.3289 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, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(198, 226, 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(198, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 226, 226) }
```

Border

The CSS property to change the border of an element to Yxy 71.8895, 0.2938, 0.3289 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, 226, 226) }
```

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

```
.border{ border-color:rgb(198, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 226, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 226, 226); box-shadow:4px 4px 4px 4px rgb(198, 226, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8895, 0.2938, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 226, 226) }
```

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

```
.background{ background-color: rgb(198,  
226, 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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