

Converting Colors

$Y_{xy}(72.0840, 0.2952, 0.3297)$

Have a look what the booklet for
Yxy(72.0840, 0.2952, 0.3297)
contains.

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Color

Yxy(72.1083, 0.2957, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	C8E2E1
RGB	200, 226, 225
RGB Percent	78%, 89%, 88%
CMY	0.2159, 0.1136, 0.1177
CMYK	0.12, 0.00, 0.00, 0.11
HSL	178°, 31%, 84%
HSV	178°, 12%, 89%
XYZ	64.5938, 72.1083, 81.7417
YIQ	218.1120, -15.1750, -5.8230

Conversions

Conversions Part 2

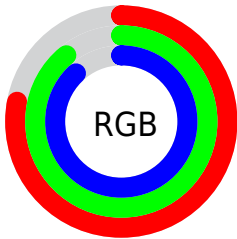
Format	Color
R _Y B	200, 213, 226
Decimal	13165281
CIE Lab	88.02, -8.77, -2.42
CIE LCh	88, 9.098, 195.459
Yxy	72.1083, 0.2957, 0.3301
Android (android.graphics.Color)	4291355361 (0xFFC8E2E1)
YUV	218.1120, 3.3958, -15.8842
Hunter-Lab	84.9166, -12.8238, 2.3684

Details

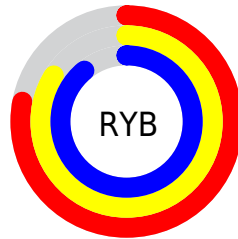
The Yxy color **72.1083, 0.2957, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6702, 0.3326, 0.3279**, and the grayscale version is **70.1714, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1391, 0.2917, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **69.1785, 0.2819, 0.3312**, and if you desaturate by 10%, it is **75.5044, 0.3104, 0.3291**.

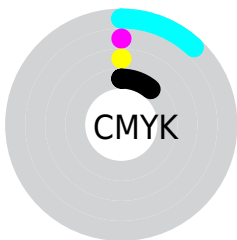
Distribution



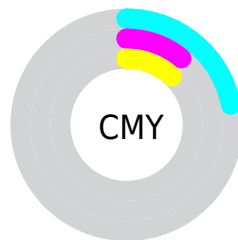
- Red (78%)
- Green (89%)
- Blue (88%)



- Red (78%)
- Yellow (84%)
- Blue (89%)



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



- Cyan (22%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.1083, 0.2957, 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 72.1083, 0.2957, 0.3301 by changing the saturation by 10% instead.

■ 72.1083, 0.2957,
0.3301

■ 72.1083, 0.2957,
0.3301

467.9185, 0.3036,
0.3296

■ 53.2472, 0.2939,
0.3302

122.2105, 0.2984,
0.3300

■ 38.0001, 0.2917,
0.3303

154.2203, 0.2995,
0.3299

■ 25.9828, 0.2889,
0.3304

191.3818, 0.3004,
0.3298

■ 16.8108, 0.2852,
0.3306

234.0794, 0.3012,
0.3298

■ 10.0997, 0.2802,
0.3308

282.6975, 0.3019,
0.3297

■ 5.4651, 0.2730,
0.3310

337.6204, 0.3025,

■ 2.5226, 0.2616,

0.3297

0.3312

399.2326, 0.3031,
0.3297

0.8879, 0.2364,
0.3332

0.0000, 0.0000,
0.0000

72.1083, 0.2957,
0.3301

72.1083, 0.2957,
0.3301

69.1785, 0.2819,
0.3312

75.5044, 0.3104,
0.3291

66.6858, 0.2692,
0.3323


79.3765, 0.3257,
0.3283

64.6116, 0.2579,
0.3335

81.2467, 0.3321,
0.3274

62.9325, 0.2483,
0.3347


81.2963, 0.3315,
0.3265


 61.6228, 0.2406,
0.3360

 81.3460, 0.3309,
0.3257


 60.6537, 0.2347,
0.3373


 81.3960, 0.3303,
0.3248

 59.9921, 0.2309,
0.3386

 81.4463, 0.3297,
0.3239

 59.5986, 0.2288,
0.3399

 81.4969, 0.3291,
0.3230

 59.4195, 0.2281,
0.3410

 81.5477, 0.3285,
0.3221

Harmonies

Analogous

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



72.1083, 0.3043, 0.3398



72.1083, 0.2957, 0.3301



72.1083, 0.2917, 0.3203

Triad

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



72.1083, 0.2957, 0.3301



72.1083, 0.3099, 0.3123



72.1083, 0.3326, 0.3447

Complementary

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



72.1083, 0.2957, 0.3301



61.6702, 0.3326, 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.



72.1083, 0.3343, 0.3371



72.1083, 0.2957, 0.3301



72.1083, 0.3210, 0.3186

Square

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



72.1083, 0.2957, 0.3301



72.1083, 0.2998, 0.3103



72.1083, 0.3300, 0.3276



72.1083, 0.3256, 0.3482

Rectangle

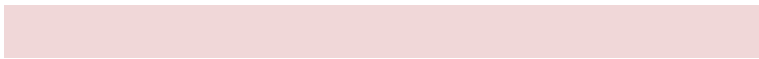
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1083, 0.2957, 0.3301



72.1083, 0.2920, 0.3151



72.1083, 0.3300, 0.3276



72.1083, 0.3338, 0.3425

Sweetspot

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



72.1113, 0.2957, 0.3301



98.5584, 0.3082, 0.3293



71.0232, 0.3122, 0.3590



21.0152, 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.



72.1113, 0.2957, 0.3301



93.7563, 0.2921, 0.3304



66.0017, 0.2948, 0.3156



15.5625, 0.2987, 0.3299



33.8962, 0.2280, 0.3408



2.3524, 0.2275, 0.3388

Inverse Universe

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



61.6702, 0.3326, 0.3279



77.2846, 0.3377, 0.3277



67.2658, 0.3318, 0.3420



13.7092, 0.3286, 0.3281



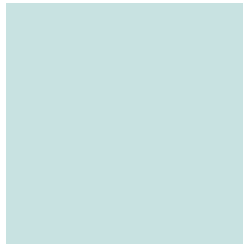
9.2395, 0.6357, 0.3275



0.6436, 0.6230, 0.3206

Previews

White Background



This preview shows how the Yxy color 72.1083, 0.2957, 0.3301 looks on a white background.

Color Contrast Check

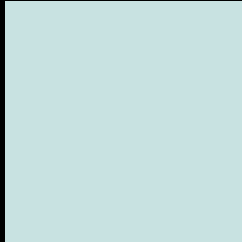
Large Text (above 18pt) WCAG AA × Fail

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 72.1083, 0.2957, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

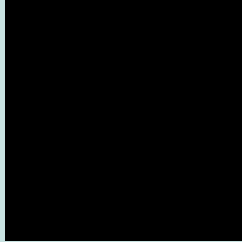
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

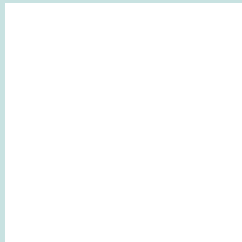
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1083, 0.2957, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 72.1083, 0.2957, 0.3301.

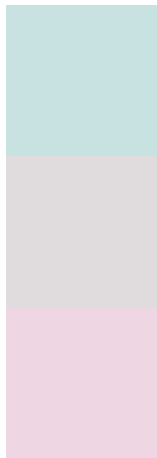


This preview shows how white text looks on a background with the Yxy color 72.1083, 0.2957, 0.3301.

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

72.1083, 0.2957, 0.3301

Protanopia

71.7308, 0.3150, 0.3268

Deuteranopia

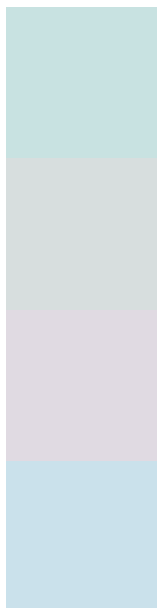
71.8163, 0.3214, 0.3154



Tritanopia

72.3587, 0.2880, 0.3103

Trichromacy



Original Color

72.1083, 0.2957, 0.3301

Protanomaly

71.9636, 0.3078, 0.3290

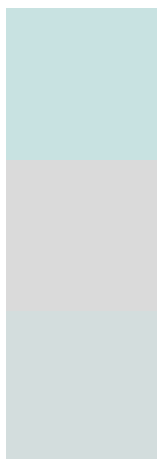
Deuteranomaly

71.4811, 0.3117, 0.3204

Tritanomaly

72.4051, 0.2910, 0.3179

Monochromacy



Original Color

72.1083, 0.2957, 0.3301

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 72.1083, 0.2957, 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(200, 226, 225)` looks like.

```
.text, #text, p{  
    color:rgb(200, 226, 225)  
}
```

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(200, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 226, 225) }
```

Border

The CSS property to change the border of an element to Yxy 72.1083, 0.2957, 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(200, 226, 225) }
```

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

```
.border{ border-color:rgb(200, 226, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 226, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 226, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 226, 225);  
box-shadow:4px 4px 4px 4px rgb(200, 226,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1083, 0.2957, 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(200, 226, 225) }
```

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

```
.background{ background-color: rgb(200,  
226, 225) }
```

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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