

Converting Colors

$Y_{xy}(64.7670, 0.2975, 0.3295)$

Have a look what the booklet for
Yxy(64.7670, 0.2975, 0.3295)
contains.

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Color

Yxy(64.7934, 0.2977, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	C1D7D6
RGB	193, 215, 214
RGB Percent	76%, 84%, 84%
CMY	0.2431, 0.1569, 0.1607
CMYK	0.10, 0.00, 0.00, 0.16
HSL	177°, 22%, 80%
HSV	177°, 10%, 84%
XYZ	58.4338, 64.7934, 73.0570
YIQ	208.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

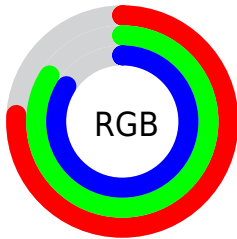
Format	Color
RYB	193, 204, 215
Decimal	12703702
CIELab	84.38, -7.51, -2.03
CIELCh	84, 7.776, 195.110
Yxy	64.7934, 0.2977, 0.3301
Android (android.graphics.Color)	4290893782 (0xFFC1D7D6)
YUV	208.3080, 2.8062, -13.4251
Hunter-Lab	80.4943, -11.2854, 2.5342

Details

The Yxy color **64.7934, 0.2977, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4863, 0.3299, 0.3279**, and the grayscale version is **63.2775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **33.1338, 0.2940, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **62.1238, 0.2838, 0.3313**, and if you desaturate by 10%, it is **67.8795, 0.3124, 0.3290**.

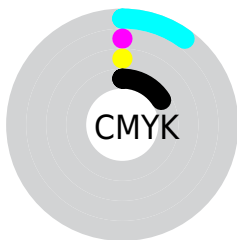
Distribution



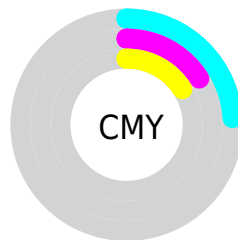
- Red (76%)
- Green (84%)
- Blue (84%)



- Red (76%)
- Yellow (80%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.7934, 0.2977, 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 64.7934, 0.2977, 0.3301 by changing the saturation by 10% instead.

■ 64.7934, 0.2977,
0.3301

■ 64.7934, 0.2977,
0.3301

442.0492, 0.3048,
0.3296

■ 47.2936, 0.2961,
0.3302

■ 111.7528, 0.3002,
0.3299

■ 33.2678, 0.2940,
0.3303

141.9811, 0.3011,
0.3299

■ 22.3317, 0.2914,
0.3305

177.2211, 0.3020,
0.3298

■ 14.1008, 0.2879,
0.3307

217.8571, 0.3027,
0.3298

■ 8.1908, 0.2830,
0.3309

264.2735, 0.3033,
0.3297

■ 4.2173, 0.2758,
0.3312

316.8547, 0.3038,

■ 1.7958, 0.2640,

0.3297

0.3315

375.9851, 0.3043,
0.3297

0.4846, 0.1938,
0.3386

0.0000, 0.0000,
0.0000

64.7934, 0.2977,
0.3301

64.7934, 0.2977,
0.3301

62.1238, 0.2838,
0.3313

67.8795, 0.3124,
0.3290

59.8448, 0.2710,
0.3326

71.3906, 0.3276,
0.3281

57.9404, 0.2596,
0.3339

74.8657, 0.3411,
0.3272

56.3899, 0.2499,
0.3353

74.9158, 0.3404,
0.3262

■ 55.1710, 0.2419,
0.3368

■ 74.9661, 0.3397,
0.3252

■ 54.2586, 0.2358,
0.3382

■ 75.0167, 0.3390,
0.3243

■ 53.6242, 0.2317,
0.3397

■ 75.0677, 0.3383,
0.3233

■ 53.2338, 0.2294,
0.3412

■ 75.1189, 0.3376,
0.3223

■ 53.0287, 0.2285,
0.3426

■ 75.1704, 0.3369,
0.3214

Harmonies

Analogous

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



64.7934, 0.3053, 0.3386



64.7934, 0.2977, 0.3301



64.7934, 0.2940, 0.3214

Triad

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



64.7934, 0.2977, 0.3301



64.7934, 0.3102, 0.3142



64.7934, 0.3304, 0.3428

Complementary

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



64.7934, 0.2977, 0.3301



56.4863, 0.3299, 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.



64.7934, 0.3318, 0.3361



64.7934, 0.2977, 0.3301



64.7934, 0.3200, 0.3197

Square

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



64.7934, 0.2977, 0.3301



64.7934, 0.3012, 0.3124



64.7934, 0.3279, 0.3277



64.7934, 0.3242, 0.3460

Rectangle

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



64.7934, 0.2977, 0.3301



64.7934, 0.2943, 0.3168



64.7934, 0.3279, 0.3277



64.7934, 0.3314, 0.3409

Sweetspot

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



64.7961, 0.2977, 0.3301



98.5559, 0.3082, 0.3293



63.9359, 0.3123, 0.3552



21.0145, 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.



64.7961, 0.2977, 0.3301



94.5636, 0.2950, 0.3303



59.9580, 0.2969, 0.3173



14.0979, 0.2989, 0.3300



31.7216, 0.2284, 0.3424



1.9163, 0.2277, 0.3398

Inverse Universe

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



56.4863, 0.3299, 0.3279



80.2647, 0.3336, 0.3277



60.9654, 0.3294, 0.3405



12.4297, 0.3284, 0.3280



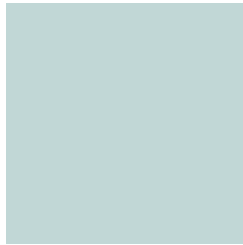
8.6578, 0.6349, 0.3271



0.5254, 0.6191, 0.3184

Previews

White Background



This preview shows how the Yxy color 64.7934, 0.2977, 0.3301 looks on a white background.

Color Contrast Check

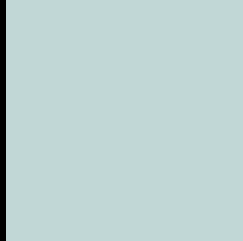
Large Text (above 18pt) WCAG AA × Fail

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 64.7934, 0.2977, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

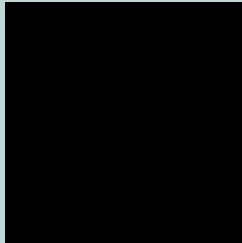
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

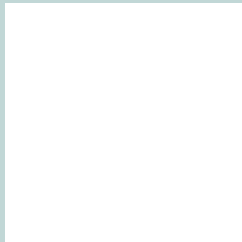
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.7934, 0.2977, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 64.7934, 0.2977, 0.3301.

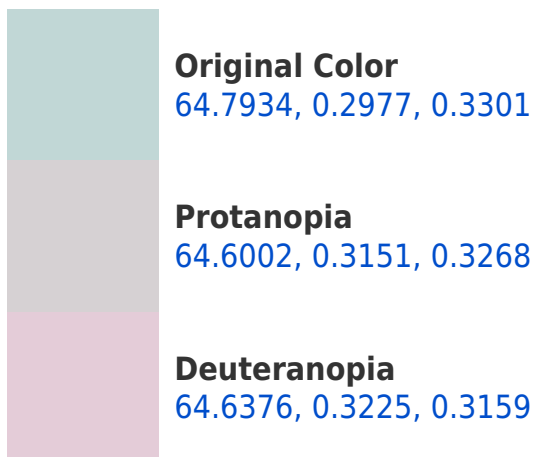


This preview shows how white text looks on a background with the Yxy color 64.7934, 0.2977, 0.3301.

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





Tritanopia

65.0374, 0.2896, 0.3096

Trichromacy



Original Color

64.7934, 0.2977, 0.3301

Protanomaly

64.4638, 0.3084, 0.3278

Deuteranomaly

64.4651, 0.3131, 0.3212

Tritanomaly

65.0771, 0.2927, 0.3174

Monochromacy



Original Color

64.7934, 0.2977, 0.3301

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.9382, 0.3075, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7934, 0.2977, 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(193, 215, 214)` looks like.

```
.text, #text, p{  
    color:rgb(193, 215, 214)  
}
```

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(193, 215, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 215, 214) }
```

Border

The CSS property to change the border of an element to Yxy 64.7934, 0.2977, 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(193, 215, 214) }
```

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

```
.border{ border-color:rgb(193, 215, 214) }
```

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

Here you see how a box with a 4 pixel rgb(193, 215, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 215, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 215, 214);  
box-shadow:4px 4px 4px 4px rgb(193, 215,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7934, 0.2977, 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(193, 215, 214) }
```

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

```
.background{ background-color: rgb(193,  
215, 214) }
```

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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