

Converting Colors

$Yxy(57.7421, 0.2790, 0.3289)$

Have a look what the booklet for
Yxy(57.7421, 0.2790, 0.3289)
contains.

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Color

Yxy(57.7814, 0.2790, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	A1D1D1
RGB	161, 209, 209
RGB Percent	63%, 82%, 82%
CMY	0.3684, 0.1804, 0.1804
CMYK	0.23, 0.00, 0.00, 0.18
HSL	180°, 34%, 73%
HSV	180°, 23%, 82%
XYZ	49.0149, 57.7814, 68.8844
YIQ	194.6480, -28.6080, -10.1760

Conversions

Conversions Part 2

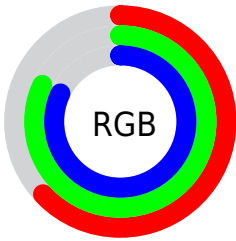
Format	Color
R _{YB}	161, 185, 209
Decimal	10605009
CIE _{Lab}	80.62, -15.49, -5.11
CIE _{LCh}	81, 16.315, 198.256
Y _{xy}	57.7814, 0.2790, 0.3289
Android (android.graphics.Color)	4288795089 (0xFFFA1D1D1)
YUV	194.6480, 7.0755, -29.5093
Hunter-Lab	76.0141, -17.9254, -0.5191

Details

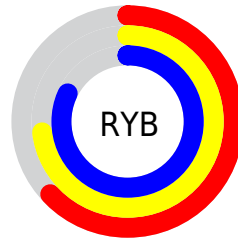
The Yxy color **57.7814, 0.2790, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.6412, 0.3595, 0.3291**, and the grayscale version is **54.3304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **28.6659, 0.2700, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **55.7898, 0.2661, 0.3289**, and if you desaturate by 10%, it is **60.1406, 0.2931, 0.3289**.

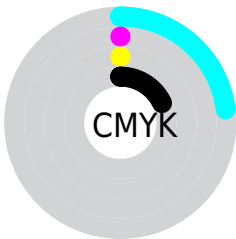
Distribution



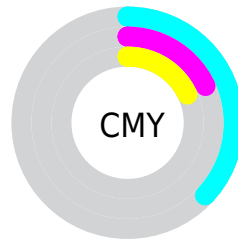
- Red (63%)
- Green (82%)
- Blue (82%)



- Red (63%)
- Yellow (73%)
- Blue (82%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)





- Cyan (37%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7814, 0.2790, 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 57.7814, 0.2790, 0.3289 by changing the saturation by 10% instead.


 57.7814, 0.2790,
0.3289

 57.7814, 0.2790,
0.3289


416.3709, 0.2951,
0.3291

 41.6329, 0.2752,
0.3288

 101.6045, 0.2847,
0.3290

 28.8140, 0.2704,
0.3286


 130.0478, 0.2869,
0.3291

 18.9401, 0.2642,
0.3284


163.3583, 0.2887,
0.3291

 11.6270, 0.2560,
0.3279

201.9203, 0.2904,
0.3291

 6.4903, 0.2444,
0.3271

246.1181, 0.2918,
0.3291

 3.1454, 0.2269,
0.3255

296.3362, 0.2930,

 1.2081, 0.1969,

0.3291

352.9590, 0.2941,
0.3291

0.3219

0.0683, 0.0000,
0.1366

0.0000, 0.0000,
0.0000

57.7814, 0.2790,
0.3289

57.7814, 0.2790,
0.3289

55.7898, 0.2661,
0.3289

60.1406, 0.2931,
0.3289

54.1408, 0.2548,
0.3288

62.8772, 0.3082,
0.3290

52.8171, 0.2452,
0.3288

66.0093, 0.3239,
0.3290

51.7973, 0.2374,
0.3288

69.5516, 0.3399,
0.3291

■ 51.0572, 0.2316,
0.3288

■ 71.4604, 0.3479,
0.3291

■ 50.5691, 0.2277,
0.3288

■ 71.4604, 0.3479,
0.3291

■ 50.2996, 0.2255,
0.3288

■ 71.4604, 0.3479,
0.3291

■ 50.2000, 0.2247,
0.3287

■ 71.4604, 0.3479,
0.3291

■ 71.4605, 0.3479,
0.3291

Harmonies

Analogous

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



57.7814, 0.2945, 0.3484



57.7814, 0.2790, 0.3289



57.7814, 0.2724, 0.3102

Triad

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



57.7814, 0.2790, 0.3289



57.7814, 0.3091, 0.2983



57.7814, 0.3504, 0.3600

Complementary

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



57.7814, 0.2790, 0.3289



41.6412, 0.3595, 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.



57.7814, 0.3548, 0.3455



57.7814, 0.2790, 0.3289



57.7814, 0.3305, 0.3106

Square

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



57.7814, 0.2790, 0.3289



57.7814, 0.2893, 0.2935



57.7814, 0.3475, 0.3276



57.7814, 0.3357, 0.3665

Rectangle

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



57.7814, 0.2790, 0.3289



57.7814, 0.2737, 0.3009



57.7814, 0.3475, 0.3276



57.7814, 0.3531, 0.3558

Sweetspot

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



57.7838, 0.2790, 0.3289



96.7703, 0.3018, 0.3290



55.8395, 0.3103, 0.3928



20.6563, 0.3009, 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.



57.7838, 0.2790, 0.3289



88.8809, 0.2719, 0.3289



47.2312, 0.2767, 0.2987



13.4071, 0.2983, 0.3290



30.9543, 0.2247, 0.3287



1.7308, 0.2247, 0.3287

Inverse Universe

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



41.6412, 0.3595, 0.3291



58.8190, 0.3744, 0.3292



50.5056, 0.3533, 0.3575



11.8083, 0.3291, 0.3290



8.3578, 0.6401, 0.3300



0.4673, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 57.7814, 0.2790, 0.3289 looks on a white background.

Color Contrast Check

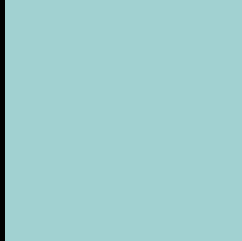
Large Text (above 18pt) WCAG AA × Fail

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 57.7814, 0.2790, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

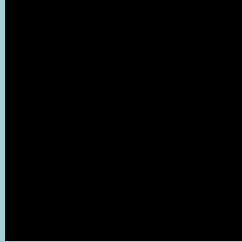
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

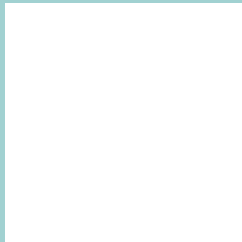
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7814, 0.2790, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 57.7814, 0.2790, 0.3289.

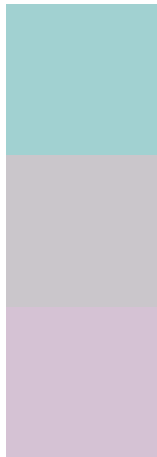


This preview shows how white text looks on a background with the Yxy color 57.7814, 0.2790, 0.3289.

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

57.7814, 0.2790, 0.3289

Protanopia

57.2565, 0.3122, 0.3231

Deuteranopia

57.4832, 0.3145, 0.3084



Tritanopia

57.8459, 0.2723, 0.3092

Trichromacy



Original Color

57.7814, 0.2790, 0.3289

Protanomaly

57.2136, 0.2993, 0.3253

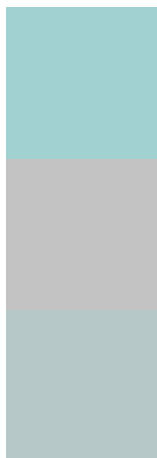
Deuteranomaly

57.0193, 0.3004, 0.3147

Tritanomaly

57.9602, 0.2747, 0.3165

Monochromacy



Original Color

57.7814, 0.2790, 0.3289

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.5460, 0.2997, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7814, 0.2790, 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(161, 209, 209)` looks like.

```
.text, #text, p{  
    color:rgb(161, 209, 209)  
}
```

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(161, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 209, 209) }
```

Border

The CSS property to change the border of an element to Yxy 57.7814, 0.2790, 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(161, 209, 209) }
```

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

```
.border{ border-color:rgb(161, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 209, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 209, 209); box-shadow:4px 4px 4px 4px rgb(161, 209, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7814, 0.2790, 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(161, 209, 209) }
```

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

```
.background{ background-color: rgb(161,  
209, 209) }
```

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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