

Converting Colors

Yxy(57.9340, 0.2973, 0.3326)

Have a look what the booklet for
Yxy(57.9340, 0.2973, 0.3326)
contains.

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Color

Yxy(57.8720, 0.2977, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	B6CDCA
RGB	182, 205, 202
RGB Percent	71%, 80%, 79%
CMY	0.2859, 0.1961, 0.2078
CMYK	0.11, 0.00, 0.01, 0.20
HSL	172°, 19%, 76%
HSV	172°, 11%, 80%
XYZ	51.7994, 57.8720, 64.3274
YIQ	197.7810, -12.7450, -5.8090

Conversions

Conversions Part 2

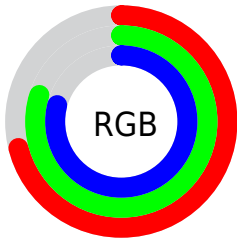
Format	Color
RYB	182, 194, 205
Decimal	11980234
CIELab	80.67, -8.26, -1.15
CIELCh	81, 8.338, 187.935
Yxy	57.8720, 0.2977, 0.3326
Android (android.graphics.Color)	4290170314 (0xFFB6CDCA)
YUV	197.7810, 2.0800, -13.8399
Hunter-Lab	76.0736, -11.5861, 3.1163

Details

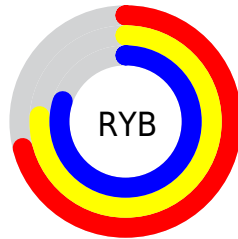
The Yxy color **57.8720, 0.2977, 0.3326** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9719, 0.3300, 0.3254**, and the grayscale version is **56.3348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **28.9385, 0.2938, 0.3339** is the 20% darker color. If you saturate the color by 10%, you get **55.4325, 0.2850, 0.3361**, and if you desaturate by 10%, it is **60.6839, 0.3111, 0.3294**.

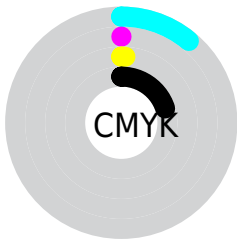
Distribution



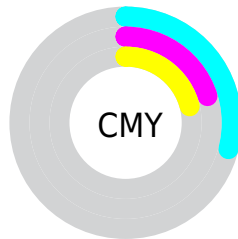
- Red (71%)
- Green (80%)
- Blue (79%)



- Red (71%)
- Yellow (76%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (29%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8720, 0.2977, 0.3326 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 57.8720, 0.2977, 0.3326 by changing the saturation by 10% instead.

■ 57.8720, 0.2977,
0.3326

■ 57.8720, 0.2977,
0.3326

416.7088, 0.3049,
0.3309

■ 41.7058, 0.2960,
0.3330

■ 101.7364, 0.3003,
0.3320

■ 28.8710, 0.2938,
0.3335

130.2034, 0.3012,
0.3318

■ 18.9832, 0.2910,
0.3341

163.5394, 0.3021,
0.3316

■ 11.6582, 0.2872,
0.3350

202.1289, 0.3028,
0.3314

■ 6.5114, 0.2818,
0.3362

246.3561, 0.3034,
0.3313

■ 3.1584, 0.2735,
0.3380

296.6056, 0.3040,

■ 1.2150, 0.2591,

0.3311

0.3410

353.2617, 0.3045,
0.3310

0.0739, 0.0000,
0.3147

0.0000, 0.0000,
0.0000

57.8720, 0.2977,
0.3326

57.8720, 0.2977,
0.3326

55.4325, 0.2850,
0.3361

60.6839, 0.3111,
0.3294

53.3423, 0.2732,
0.3400


63.8757, 0.3249,
0.3264

51.5869, 0.2628,
0.3441


67.4639, 0.3390,
0.3238

50.1478, 0.2538,
0.3483


69.6994, 0.3459,
0.3213

 49.0050, 0.2466,
0.3528


 69.8350, 0.3438,
0.3186


 48.1359, 0.2413,
0.3573


 69.9728, 0.3418,
0.3159


 47.5148, 0.2379,
0.3618

 70.1128, 0.3398,
0.3132

 47.1110, 0.2364,
0.3663

 70.2550, 0.3378,
0.3106

 46.8862, 0.2362,
0.3703

 70.3995, 0.3359,
0.3080

Harmonies

Analogous

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



57.8720, 0.3070, 0.3416



57.8720, 0.2977, 0.3326



57.8720, 0.2924, 0.3227

Triad

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



57.8720, 0.2977, 0.3326



57.8720, 0.3073, 0.3116



57.8720, 0.3333, 0.3429

Complementary

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



57.8720, 0.2977, 0.3326



49.9719, 0.3300, 0.3254

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.



57.8720, 0.3334, 0.3347



57.8720, 0.2977, 0.3326



57.8720, 0.3183, 0.3169

Square

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



57.8720, 0.2977, 0.3326



57.8720, 0.2979, 0.3108



57.8720, 0.3279, 0.3253



57.8720, 0.3276, 0.3475

Rectangle

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



57.8720, 0.2977, 0.3326



57.8720, 0.2919, 0.3171



57.8720, 0.3279, 0.3253



57.8720, 0.3340, 0.3405

Sweetspot

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



57.8744, 0.2977, 0.3326



98.5142, 0.3086, 0.3299



57.3662, 0.3137, 0.3576



21.0032, 0.3075, 0.3302



0.0000, 0.0000, 0.0000



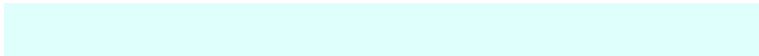
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.8744, 0.2977, 0.3326



93.9726, 0.2951, 0.3333



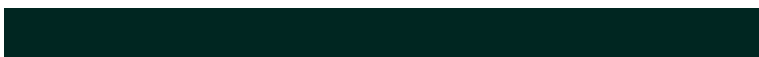
54.1071, 0.2956, 0.3186



12.7011, 0.3000, 0.3320



29.2042, 0.2360, 0.3696



1.5138, 0.2336, 0.3608

Inverse Universe

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



49.9719, 0.3300, 0.3254



78.9217, 0.3336, 0.3248



53.3927, 0.3313, 0.3392



11.2369, 0.3270, 0.3260



8.1359, 0.6221, 0.3201



0.4277, 0.5787, 0.2962

Previews

White Background



This preview shows how the Yxy color 57.8720, 0.2977, 0.3326 looks on a white background.

Color Contrast Check

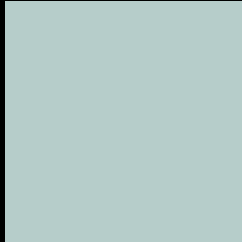
Large Text (above 18pt) WCAG AA × Fail

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 57.8720, 0.2977, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

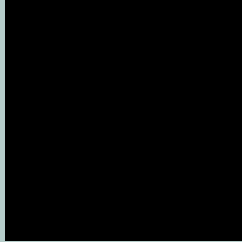
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

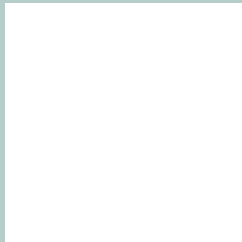
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8720, 0.2977, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 57.8720, 0.2977, 0.3326.



This preview shows how white text looks on a background with the Yxy color 57.8720, 0.2977, 0.3326.

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

57.8720, 0.2977, 0.3326

Protanopia

57.8077, 0.3166, 0.3290

Deuteranopia

57.6949, 0.3237, 0.3176



Tritanopia

57.6698, 0.2885, 0.3086

Trichromacy



Original Color

57.8720, 0.2977, 0.3326

Protanomaly

57.6792, 0.3096, 0.3302

Deuteranomaly

57.5373, 0.3138, 0.3231

Tritanomaly

57.7063, 0.2917, 0.3168

Monochromacy



Original Color

57.8720, 0.2977, 0.3326

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.1033, 0.3072, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8720, 0.2977, 0.3326 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(182, 205, 202)` looks like.

```
.text, #text, p{  
    color:rgb(182, 205, 202)  
}
```

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(182, 205, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 205, 202) }
```

Border

The CSS property to change the border of an element to Yxy 57.8720, 0.2977, 0.3326 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(182, 205, 202) }
```

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

```
.border{ border-color:rgb(182, 205, 202) }
```

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

Here you see how a box with a 4 pixel rgb(182, 205, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 205, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 205, 202);  
box-shadow:4px 4px 4px 4px rgb(182, 205,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8720, 0.2977, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 205, 202) }
```

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

```
.background{ background-color: rgb(182,  
205, 202) }
```

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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