

Converting Colors

Yxy(57.4619, 0.2980, 0.3281)

Have a look what the booklet for
Yxy(57.4619, 0.2980, 0.3281)
contains.

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Color

Yxy(57.2619, 0.2977, 0.3277)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B8CBCC |
| RGB | 184, 203, 204 |
| RGB Percent | 72%, 80%, 80% |
| CMY | 0.2785, 0.2039, 0.1999 |
| CMYK | 0.10, 0.01, 0.00, 0.20 |
| HSL | 183°, 16%, 76% |
| HSV | 183°, 10%, 80% |
| XYZ | 52.0197, 57.2619, 65.4571 |
| YIQ | 197.4330, -11.6450, -3.7170 |

Conversions

Conversions Part 2

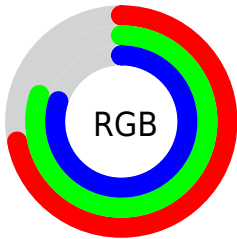
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 184, 194, 204 |
| Decimal | 12110796 |
| CIELab | 80.33, -6.21, -2.72 |
| CIELCh | 80, 6.778, 203.617 |
| Yxy | 57.2619, 0.2977, 0.3277 |
| Android (android.graphics.Color) | 4290300876 (0xFFB8CBCC) |
| YUV | 197.4330, 3.2375, -11.7807 |
| Hunter-Lab | 75.6716, -9.7171, 1.6833 |

Details

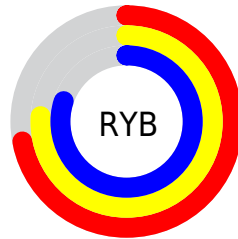
The Yxy color $57.2619, 0.2977, 0.3277$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.9969, 0.3297, 0.3303$, and the grayscale version is $56.0950, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.2653, 0.3035, 0.3290$, and $28.5222, 0.2939, 0.3273$ is the 20% darker color. If you saturate the color by 10%, you get $54.4343, 0.2831, 0.3263$, and if you desaturate by 10%, it is $60.4610, 0.3130, 0.3290$.

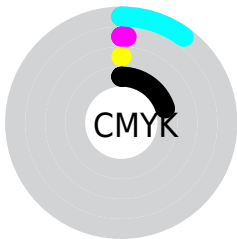
Distribution



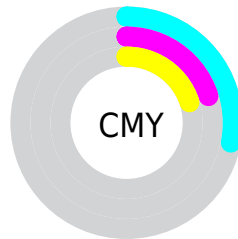
- Red (72%)
- Green (80%)
- Blue (80%)



- Red (72%)
- Yellow (76%)
- Blue (80%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)





- Cyan (28%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2619, 0.2977, 0.3277 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 57.2619, 0.2977, 0.3277 by changing the saturation by 10% instead.

 57.2619, 0.2977,
0.3277

 57.2619, 0.2977,
0.3277


414.4300, 0.3049,
0.3284

 41.2155, 0.2960,
0.3275


 100.8472, 0.3003,
0.3279

 28.4875, 0.2938,
0.3273


129.1550, 0.3012,
0.3280

 18.6935, 0.2910,
0.3270

162.3187, 0.3021,
0.3281

 11.4490, 0.2872,
0.3266

200.7227, 0.3028,
0.3282

 6.3697, 0.2818,
0.3259

244.7515, 0.3034,
0.3282

 3.0712, 0.2734,
0.3248

294.7893, 0.3040,

 1.1690, 0.2591,

0.3283

351.2207, 0.3045,
0.3283

0.3227

0.0362, 0.0000,
0.1363

0.0000, 0.0000,
0.0000

57.2619, 0.2977,
0.3277

57.2619, 0.2977,
0.3277

54.4343, 0.2831,
0.3263

60.4610, 0.3130,
0.3290

51.9556, 0.2696,
0.3247

64.0388, 0.3287,
0.3302

49.8114, 0.2573,
0.3231

68.0117, 0.3445,
0.3313

47.9838, 0.2466,
0.3215

70.3298, 0.3520,
0.3323

■ 46.4532, 0.2377,
0.3198

■ 70.8361, 0.3518,
0.3334

■ 45.1977, 0.2306,
0.3180

■ 71.3458, 0.3516,
0.3345

■ 44.1923, 0.2255,
0.3163

■ 71.8588, 0.3514,
0.3355

■ 43.4076, 0.2222,
0.3146

■ 72.3752, 0.3512,
0.3366

■ 42.7895, 0.2203,
0.3130

■ 72.8949, 0.3510,
0.3376

Harmonies

Analogous

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



57.2619, 0.3038, 0.3357



57.2619, 0.2977, 0.3277



57.2619, 0.2956, 0.3202

Triad

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



57.2619, 0.2977, 0.3277



57.2619, 0.3130, 0.3166



57.2619, 0.3276, 0.3428

Complementary

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



57.2619, 0.2977, 0.3277



50.9969, 0.3297, 0.3303

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.



57.2619, 0.3302, 0.3375



57.2619, 0.2977, 0.3277



57.2619, 0.3216, 0.3225

Square

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



57.2619, 0.2977, 0.3277



57.2619, 0.3043, 0.3140



57.2619, 0.3280, 0.3300



57.2619, 0.3210, 0.3445

Rectangle

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



57.2619, 0.2977, 0.3277



57.2619, 0.2967, 0.3165



57.2619, 0.3280, 0.3300



57.2619, 0.3289, 0.3414

Sweetspot

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



57.2643, 0.2977, 0.3277



98.3292, 0.3080, 0.3286



56.8896, 0.3108, 0.3529



20.9530, 0.3068, 0.3285



0.0000, 0.0000, 0.0000



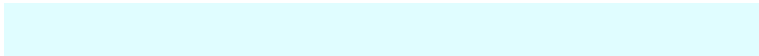
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2643, 0.2977, 0.3277



93.6598, 0.2942, 0.3274



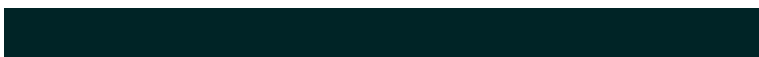
52.6873, 0.2976, 0.3153



12.6252, 0.2984, 0.3278



26.9590, 0.2203, 0.3132



1.4215, 0.2212, 0.3164

Inverse Universe

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



51.4232, 0.3146, 0.3063



81.9065, 0.3151, 0.3008



55.3338, 0.3284, 0.3424



11.3935, 0.3145, 0.3073



10.5245, 0.3340, 0.1614



0.5461, 0.3312, 0.1598

Previews

White Background



This preview shows how the Yxy color 57.2619, 0.2977, 0.3277 looks on a white background.

Color Contrast Check

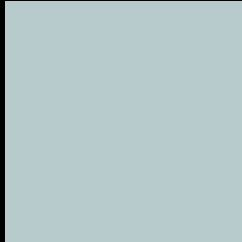
Large Text (above 18pt) WCAG AA × Fail

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 57.2619, 0.2977, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

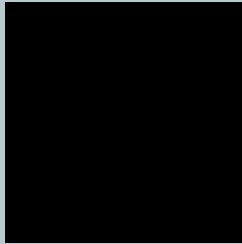
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

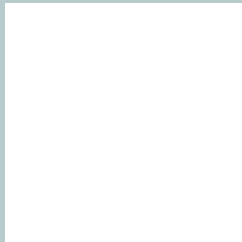
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2619, 0.2977, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 57.2619, 0.2977, 0.3277.



This preview shows how white text looks on a background with the Yxy color 57.2619, 0.2977, 0.3277.

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

57.2619, 0.2977, 0.3277

Protanopia

57.1618, 0.3137, 0.3254

Deuteranopia

57.0432, 0.3207, 0.3141



Tritanopia

57.2221, 0.2905, 0.3097

Trichromacy



Original Color

57.2619, 0.2977, 0.3277

Protanomaly

57.1749, 0.3074, 0.3266

Deuteranomaly

57.1777, 0.3124, 0.3196

Tritanomaly

57.3088, 0.2931, 0.3168

Monochromacy



Original Color

57.2619, 0.2977, 0.3277

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.2234, 0.3066, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2619, 0.2977, 0.3277 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(184, 203, 204)` looks like.

```
.text, #text, p{  
    color:rgb(184, 203, 204)  
}
```

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(184, 203, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 203, 204) }
```

Border

The CSS property to change the border of an element to Yxy 57.2619, 0.2977, 0.3277 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(184, 203, 204) }
```

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

```
.border{ border-color:rgb(184, 203, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 203, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 203, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 203, 204); box-shadow:4px 4px 4px 4px rgb(184, 203, 204) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2619, 0.2977, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 203, 204) }
```

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

```
.background{ background-color: rgb(184,  
203, 204) }
```

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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