

Converting Colors

Yxy(57.3015, 0.2979, 0.3325)

Have a look what the booklet for
Yxy(57.3015, 0.2979, 0.3325)
contains.

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Color

Yxy(57.3479, 0.2983, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	B6CCC9
RGB	182, 204, 201
RGB Percent	71%, 80%, 79%
CMY	0.2864, 0.1999, 0.2118
CMYK	0.11, 0.00, 0.01, 0.20
HSL	172°, 18%, 76%
HSV	172°, 11%, 80%
XYZ	51.4183, 57.3479, 63.6050
YIQ	197.0800, -12.1490, -5.5970

Conversions

Conversions Part 2

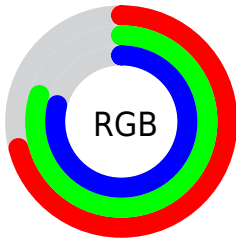
Format	Color
R_{YB}	182, 194, 204
Decimal	11979977
CIE Lab	80.37, -8.00, -1.03
CIE LCh	80, 8.066, 187.302
Yxy	57.3479, 0.2983, 0.3327
Android (android.graphics.Color)	4290170057 (0xFFB6CCC9)
YUV	197.0800, 1.9326, -13.2252
Hunter-Lab	75.7284, -11.3261, 3.2117

Details

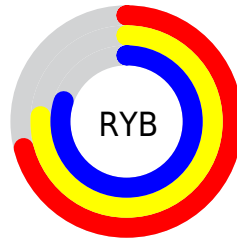
The Yxy color `57.3479, 0.2983, 0.3327` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `49.7835, 0.3293, 0.3253`, and the grayscale version is `55.8764, 0.3127, 0.3290`.

A 20% lighter version of the original color is `96.9171, 0.3023, 0.3290`, and `28.5864, 0.2947, 0.3339` is the 20% darker color. If you saturate the color by 10%, you get `54.9143, 0.2857, 0.3365`, and if you desaturate by 10%, it is `60.1506, 0.3116, 0.3293`.

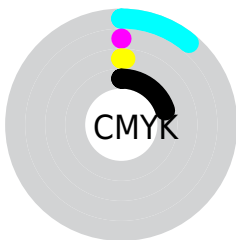
Distribution



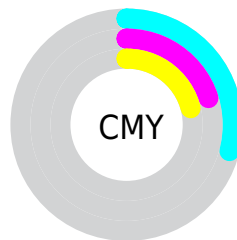
- Red (71%)
- Green (80%)
- Blue (79%)



- 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 57.3479, 0.2983, 0.3327 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 57.3479, 0.2983, 0.3327 by changing the saturation by 10% instead.


 57.3479, 0.2983,
0.3327

 57.3479, 0.2983,
0.3327

414.7517, 0.3052,
0.3309

 41.2846, 0.2966,
0.3331


 100.9726, 0.3008,
0.3321

 28.5416, 0.2945,
0.3336


129.3029, 0.3017,
0.3318

 18.7343, 0.2918,
0.3343


162.4909, 0.3025,
0.3316

 11.4784, 0.2882,
0.3352

200.9211, 0.3032,
0.3315

 6.3896, 0.2829,
0.3365

244.9779, 0.3038,
0.3313

 3.0834, 0.2748,
0.3384

295.0457, 0.3044,

 1.1754, 0.2608,

0.3312

0.3416

351.5088, 0.3048,
0.3311

0.0415, 0.0000,
0.2621

0.0000, 0.0000,
0.0000

57.3479, 0.2983,
0.3327

57.3479, 0.2983,
0.3327

54.9143, 0.2857,
0.3365

60.1506, 0.3116,
0.3293

52.8269, 0.2740,
0.3405


63.3298, 0.3253,
0.3262


51.0715, 0.2635,
0.3449

66.9017, 0.3392,
0.3234

49.6300, 0.2546,
0.3494

69.2177, 0.3464,
0.3207

 48.4824, 0.2474,
0.3541

 69.3609, 0.3442,
0.3179


 47.6066, 0.2420,
0.3590


 69.5065, 0.3421,
0.3150

 46.9773, 0.2386,
0.3638

 69.6546, 0.3399,
0.3122

 46.5646, 0.2371,
0.3686

 69.8053, 0.3378,
0.3094

 46.3255, 0.2370,
0.3730

 69.9584, 0.3357,
0.3066

Harmonies

Analogous

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



57.3479, 0.3074, 0.3414



57.3479, 0.2983, 0.3327



57.3479, 0.2931, 0.3231

Triad

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



57.3479, 0.2983, 0.3327



57.3479, 0.3072, 0.3121



57.3479, 0.3328, 0.3423

Complementary

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



57.3479, 0.2983, 0.3327



49.7835, 0.3293, 0.3253

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.



57.3479, 0.3328, 0.3344



57.3479, 0.2983, 0.3327



57.3479, 0.3179, 0.3171

Square

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



57.3479, 0.2983, 0.3327



57.3479, 0.2982, 0.3114



57.3479, 0.3273, 0.3252



57.3479, 0.3273, 0.3469

Rectangle

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



57.3479, 0.2983, 0.3327



57.3479, 0.2925, 0.3176



57.3479, 0.3273, 0.3252



57.3479, 0.3334, 0.3400

Sweetspot

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



57.3503, 0.2983, 0.3327



98.5102, 0.3086, 0.3300



56.9175, 0.3140, 0.3566



21.0021, 0.3075, 0.3303



0.0000, 0.0000, 0.0000



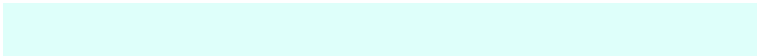
21.4041, 0.3127, 0.3290

Same Dimension

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



57.3503, 0.2983, 0.3327



93.9555, 0.2952, 0.3336



53.9155, 0.2961, 0.3194



12.6995, 0.3001, 0.3322



29.1629, 0.2368, 0.3724



1.5120, 0.2342, 0.3630

Inverse Universe

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



49.7835, 0.3293, 0.3253



78.9366, 0.3334, 0.3245



52.9049, 0.3307, 0.3384



11.2384, 0.3269, 0.3258



8.1411, 0.6205, 0.3192



0.4284, 0.5753, 0.2943

Previews

White Background



This preview shows how the Yxy color 57.3479, 0.2983, 0.3327 looks on a white background.

Color Contrast Check

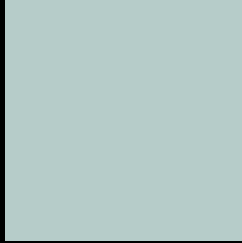
Large Text (above 18pt) WCAG AA × Fail

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 57.3479, 0.2983, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

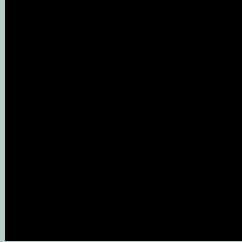
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

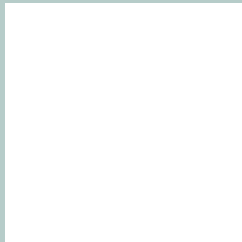
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3479, 0.2983, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 57.3479, 0.2983, 0.3327.



This preview shows how white text looks on a background with the Yxy color 57.3479, 0.2983, 0.3327.

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

57.3479, 0.2983, 0.3327

Protanopia

57.1619, 0.3167, 0.3290

Deuteranopia

57.0507, 0.3238, 0.3175



Tritanopia

57.0973, 0.2897, 0.3097

Trichromacy



Original Color

57.3479, 0.2983, 0.3327

Protanomaly

57.0342, 0.3096, 0.3302

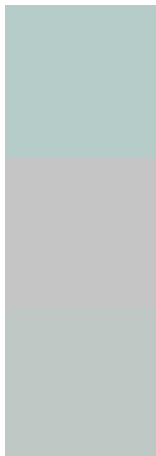
Deuteranomaly

57.0341, 0.3146, 0.3231

Tritanomaly

57.1346, 0.2930, 0.3180

Monochromacy



Original Color

57.3479, 0.2983, 0.3327

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.5922, 0.3080, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3479, 0.2983, 0.3327 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, 204, 201)` looks like.

```
.text, #text, p{  
    color:rgb(182, 204, 201)  
}
```

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, 204, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 204, 201) }
```

Border

The CSS property to change the border of an element to Yxy 57.3479, 0.2983, 0.3327 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, 204, 201) }
```

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

```
.border{ border-color:rgb(182, 204, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 204, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 204, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 204, 201);  
box-shadow:4px 4px 4px 4px rgb(182, 204,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3479, 0.2983, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 204, 201) }
```

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

```
.background{ background-color: rgb(182,  
204, 201) }
```

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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