

Converting Colors

$Yxy(58.1102, 0.2962, 0.3339)$

Have a look what the booklet for
Yxy(58.1102, 0.2962, 0.3339)
contains.

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Color

Yxy(58.1102, 0.2962, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	B4CECA
RGB	180, 206, 202
RGB Percent	71%, 81%, 79%
CMY	0.2942, 0.1921, 0.2078
CMYK	0.13, 0.00, 0.02, 0.19
HSL	171°, 21%, 76%
HSV	171°, 13%, 81%
XYZ	51.5491, 58.1102, 64.3755
YIQ	197.7700, -14.2120, -6.7560

Conversions

Conversions Part 2

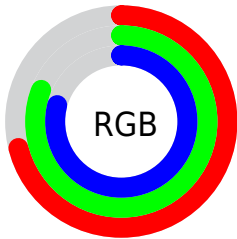
Format	Color
R_{YB}	180, 194, 206
Decimal	11849418
CIE Lab	80.80, -9.49, -0.96
CIE LCh	81, 9.537, 185.804
Yxy	58.1102, 0.2962, 0.3339
Android (android.graphics.Color)	4290039498 (0xFFB4CECA)
YUV	197.7700, 2.0854, -15.5843
Hunter-Lab	76.2300, -12.6954, 3.2913

Details

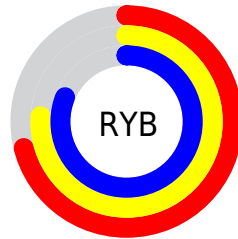
The Yxy color **58.1102, 0.2962, 0.3339** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.2149, 0.3321, 0.3242**, and the grayscale version is **56.3170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **29.1066, 0.2920, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **55.6727, 0.2839, 0.3382**, and if you desaturate by 10%, it is **60.9231, 0.3092, 0.3300**.

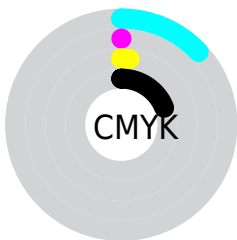
Distribution



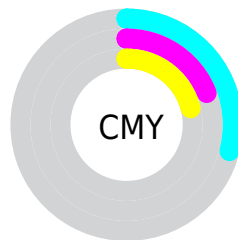
- Red (71%)
- Green (81%)
- Blue (79%)



- Red (71%)
- Yellow (76%)
- Blue (81%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)





- Cyan (29%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1102, 0.2962, 0.3339 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 58.1102, 0.2962, 0.3339 by changing the saturation by 10% instead.


 58.1102, 0.2962,
0.3339

 58.1102, 0.2962,
0.3339


417.5964, 0.3041,
0.3316

 41.8972, 0.2943,
0.3344


 102.0833, 0.2990,
0.3331

 29.0208, 0.2919,
0.3351


130.6123, 0.3001,
0.3328

 19.0966, 0.2888,
0.3360


164.0154, 0.3010,
0.3325

 11.7401, 0.2847,
0.3372

202.6770, 0.3018,
0.3323

 6.5670, 0.2787,
0.3389

246.9815, 0.3025,
0.3321

 3.1928, 0.2697,
0.3414

297.3133, 0.3031,

 1.2332, 0.2540,

0.3319

354.0568, 0.3037,
0.3317

0.3456

0.0886, 0.0000,
0.3509

0.0000, 0.0000,
0.0000

58.1102, 0.2962,
0.3339

58.1102, 0.2962,
0.3339

55.6727, 0.2839,
0.3382

60.9231, 0.3092,
0.3300

53.5872, 0.2726,
0.3428

64.1192, 0.3226,
0.3264

51.8387, 0.2625,
0.3478

67.7154, 0.3362,
0.3232

50.4083, 0.2540,
0.3529

70.2992, 0.3441,
0.3202

■ 49.2754, 0.2473,
0.3583

■ 70.4637, 0.3417,
0.3170

■ 48.4167, 0.2424,
0.3638

■ 70.6313, 0.3394,
0.3138

■ 47.8055, 0.2395,
0.3692

■ 70.8022, 0.3370,
0.3107

■ 47.4099, 0.2384,
0.3747

■ 70.9763, 0.3346,
0.3075

■ 47.2149, 0.2385,
0.3787

■ 71.1536, 0.3323,
0.3044

Harmonies

Analogous

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



58.1102, 0.3070, 0.3441



58.1102, 0.2962, 0.3339



58.1102, 0.2898, 0.3225

Triad

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



58.1102, 0.2962, 0.3339



58.1102, 0.3056, 0.3090



58.1102, 0.3365, 0.3443

Complementary

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



58.1102, 0.2962, 0.3339



49.2149, 0.3321, 0.3242

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.



58.1102, 0.3362, 0.3347



58.1102, 0.2962, 0.3339



58.1102, 0.3181, 0.3146

Square

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



58.1102, 0.2962, 0.3339



58.1102, 0.2952, 0.3084



58.1102, 0.3294, 0.3240



58.1102, 0.3303, 0.3500

Rectangle

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



58.1102, 0.2962, 0.3339



58.1102, 0.2889, 0.3160



58.1102, 0.3294, 0.3240



58.1102, 0.3371, 0.3414

Sweetspot

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



58.1126, 0.2962, 0.3339



98.0157, 0.3073, 0.3305



57.6715, 0.3145, 0.3616



20.9020, 0.3063, 0.3308



0.0000, 0.0000, 0.0000



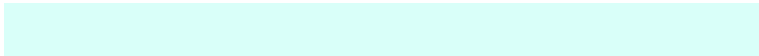
21.4041, 0.3127, 0.3290

Same Dimension

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



58.1126, 0.2962, 0.3339



93.0796, 0.2930, 0.3350



54.2403, 0.2933, 0.3182



12.6962, 0.3004, 0.3326



29.0813, 0.2383, 0.3779



1.5085, 0.2354, 0.3673

Inverse Universe

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



49.2149, 0.3321, 0.3242



76.0654, 0.3367, 0.3231



52.6634, 0.3341, 0.3396



11.2414, 0.3266, 0.3255



8.1525, 0.6170, 0.3173



0.4298, 0.5687, 0.2907

Previews

White Background



This preview shows how the Yxy color 58.1102, 0.2962, 0.3339 looks on a white background.

Color Contrast Check

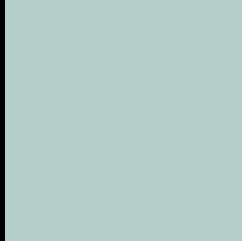
Large Text (above 18pt) WCAG AA × Fail

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 58.1102, 0.2962, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

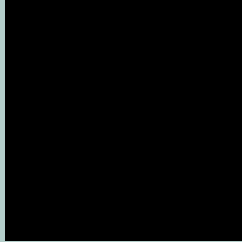
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

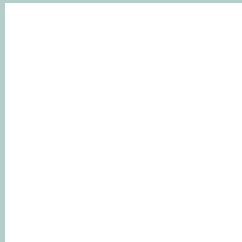
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1102, 0.2962, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 58.1102, 0.2962, 0.3339.



This preview shows how white text looks on a background with the Yxy color 58.1102, 0.2962, 0.3339.

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

58.1102, 0.2962, 0.3339

Protanopia

57.7614, 0.3174, 0.3302

Deuteranopia

57.8486, 0.3245, 0.3176



Tritanopia

57.9465, 0.2865, 0.3085

Trichromacy



Original Color

58.1102, 0.2962, 0.3339

Protanomaly

57.9667, 0.3095, 0.3326

Deuteranomaly

57.5373, 0.3138, 0.3231

Tritanomaly

57.9349, 0.2904, 0.3180

Monochromacy



Original Color

58.1102, 0.2962, 0.3339

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.9732, 0.3065, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1102, 0.2962, 0.3339 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(180, 206, 202)` looks like.

```
.text, #text, p{  
    color:rgb(180, 206, 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(180, 206, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 206, 202) }
```

Border

The CSS property to change the border of an element to Yxy 58.1102, 0.2962, 0.3339 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(180, 206, 202) }
```

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

```
.border{ border-color:rgb(180, 206, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 206, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 206, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 206, 202);  
box-shadow:4px 4px 4px 4px rgb(180, 206,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1102, 0.2962, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 206, 202) }
```

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

```
.background{ background-color: rgb(180,  
206, 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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