

Converting Colors

$Yxy(60.2995, 0.2912, 0.3253)$

Have a look what the booklet for
Yxy(60.2995, 0.2912, 0.3253)
contains.

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Color

Yxy(60.2995, 0.2912, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	B6D1D4
RGB	182, 209, 212
RGB Percent	71%, 82%, 83%
CMY	0.2862, 0.1804, 0.1686
CMYK	0.14, 0.01, 0.00, 0.17
HSL	186°, 26%, 77%
HSV	186°, 14%, 83%
XYZ	53.9785, 60.2995, 71.0878
YIQ	201.2690, -17.0550, -4.7910

Conversions

Conversions Part 2

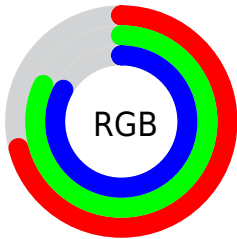
Format	Color
R_{YB}	182, 196, 212
Decimal	11981268
CIE _{Lab}	82.00, -8.36, -4.54
CIE _{LCh}	82, 9.508, 208.499
Yxy	60.2995, 0.2912, 0.3253
Android (android.graphics.Color)	4290171348 (0xFFB6D1D4)
YUV	201.2690, 5.2904, -16.8989
Hunter-Lab	77.6528, -11.8121, 0.0795

Details

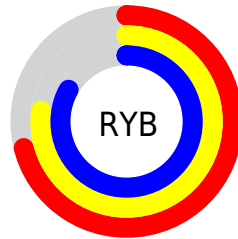
The Yxy color **60.2995, 0.2912, 0.3253** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.0846, 0.3382, 0.3327**, and the grayscale version is **58.5616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **30.5441, 0.2864, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **56.8757, 0.2768, 0.3224**, and if you desaturate by 10%, it is **64.1330, 0.3063, 0.3280**.

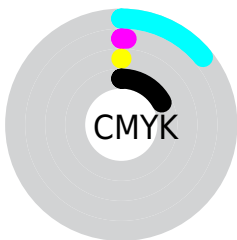
Distribution



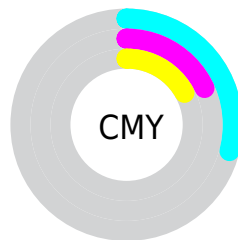
- Red (71%)
- Green (82%)
- Blue (83%)



- Red (71%)
- Yellow (77%)
- Blue (83%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)





- Cyan (29%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2995, 0.2912, 0.3253 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 60.2995, 0.2912, 0.3253 by changing the saturation by 10% instead.


 60.2995, 0.2912,
0.3253

 60.2995, 0.2912,
0.3253

425.7008, 0.3014,
0.3272

 43.6601, 0.2888,
0.3248


 105.2640, 0.2948,
0.3260

 30.4034, 0.2858,
0.3242


134.3579, 0.2962,
0.3262

 20.1450, 0.2819,
0.3235


168.3721, 0.2974,
0.3264

 12.5005, 0.2767,
0.3224

207.6909, 0.2984,
0.3266

 7.0855, 0.2694,
0.3207

252.6988, 0.2993,
0.3268

 3.5156, 0.2584,
0.3181

303.7801, 0.3001,

 1.4065, 0.2401,

0.3269

0.3133

361.3194, 0.3008,
0.3271

0.2215, 0.0083,
0.2817

0.0000, 0.0000,
0.0000

60.2995, 0.2912,
0.3253

60.2995, 0.2912,
0.3253

56.8757, 0.2768,
0.3224

64.1330, 0.3063,
0.3280

53.8366, 0.2634,
0.3193

68.3852, 0.3218,
0.3304

51.1658, 0.2513,
0.3161

73.0742, 0.3375,
0.3326

48.8428, 0.2408,
0.3127

75.9038, 0.3442,
0.3347

■ 46.8448, 0.2320,
0.3093

■ 77.0112, 0.3439,
0.3368

■ 45.1465, 0.2252,
0.3058

■ 78.1328, 0.3435,
0.3389

■ 43.7186, 0.2202,
0.3023

■ 79.2687, 0.3431,
0.3411

■ 42.5252, 0.2171,
0.2989

■ 80.4188, 0.3428,
0.3432

■ 41.8998, 0.2158,
0.2969

■ 81.5834, 0.3424,
0.3453

Harmonies

Analogous

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



60.2995, 0.2987, 0.3365



60.2995, 0.2912, 0.3253



60.2995, 0.2893, 0.3154

Triad

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



60.2995, 0.2912, 0.3253



60.2995, 0.3150, 0.3131



60.2995, 0.3321, 0.3488

Complementary

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



60.2995, 0.2912, 0.3253



52.0846, 0.3382, 0.3327

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.



60.2995, 0.3367, 0.3420



60.2995, 0.2912, 0.3253



60.2995, 0.3267, 0.3216

Square

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



60.2995, 0.2912, 0.3253



60.2995, 0.3029, 0.3087



60.2995, 0.3347, 0.3321



60.2995, 0.3223, 0.3502

Rectangle

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



60.2995, 0.2912, 0.3253



60.2995, 0.2915, 0.3109



60.2995, 0.3347, 0.3321



60.2995, 0.3343, 0.3470

Sweetspot

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



60.3020, 0.2912, 0.3253



97.4651, 0.3065, 0.3280



60.5426, 0.3090, 0.3625



20.7620, 0.3053, 0.3278



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.



60.3020, 0.2912, 0.3253



89.9407, 0.2867, 0.3245



53.2899, 0.2906, 0.3068



13.8849, 0.2983, 0.3266



25.9481, 0.2159, 0.2974



1.6280, 0.2176, 0.3033

Inverse Universe

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



52.0636, 0.3167, 0.2977



75.1151, 0.3176, 0.2908



58.6908, 0.3357, 0.3502



12.6102, 0.3153, 0.3083



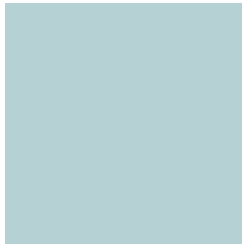
10.9643, 0.3477, 0.1689



0.6677, 0.3425, 0.1661

Previews

White Background



This preview shows how the Yxy color 60.2995, 0.2912, 0.3253 looks on a white background.

Color Contrast Check

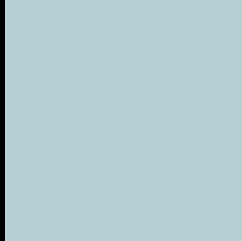
Large Text (above 18pt) WCAG AA × Fail

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 60.2995, 0.2912, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

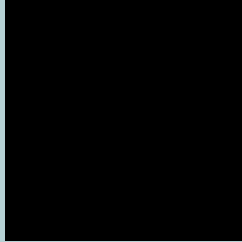
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

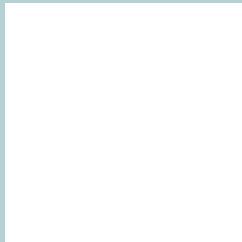
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2995, 0.2912, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 60.2995, 0.2912, 0.3253.

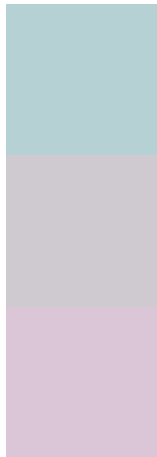


This preview shows how white text looks on a background with the Yxy color 60.2995, 0.2912, 0.3253.

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

60.2995, 0.2912, 0.3253

Protanopia

59.9169, 0.3115, 0.3220

Deuteranopia

60.1486, 0.3167, 0.3110



Tritanopia

60.1978, 0.2849, 0.3088

Trichromacy



Original Color

60.2995, 0.2912, 0.3253

Protanomaly

60.1364, 0.3039, 0.3243

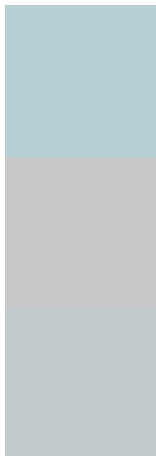
Deuteranomaly

60.0243, 0.3072, 0.3163

Tritanomaly

60.3463, 0.2868, 0.3146

Monochromacy



Original Color

60.2995, 0.2912, 0.3253

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.0628, 0.3045, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2995, 0.2912, 0.3253 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, 209, 212)` looks like.

```
.text, #text, p{  
    color:rgb(182, 209, 212)  
}
```

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, 209, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 209, 212) }
```

Border

The CSS property to change the border of an element to Yxy 60.2995, 0.2912, 0.3253 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, 209, 212) }
```

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

```
.border{ border-color:rgb(182, 209, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 209, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 209, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 209, 212);  
box-shadow:4px 4px 4px 4px rgb(182, 209,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2995, 0.2912, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 209, 212) }
```

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

```
.background{ background-color: rgb(182,  
209, 212) }
```

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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