

Converting Colors

$Y_{xy}(50.2289, 0.2933, 0.3309)$

Have a look what the booklet for
Yxy(50.2289, 0.2933, 0.3309)
contains.

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Color

Yxy(50.1612, 0.2931, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	A7C1C0
RGB	167, 193, 192
RGB Percent	65%, 76%, 75%
CMY	0.3453, 0.2431, 0.2471
CMYK	0.14, 0.00, 0.01, 0.24
HSL	178°, 17%, 71%
HSV	178°, 14%, 76%
XYZ	44.5118, 50.1612, 57.1926
YIQ	185.1120, -15.1750, -5.8230

Conversions

Conversions Part 2

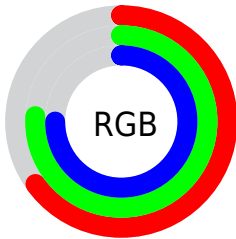
Format	Color
R _Y B	167, 180, 193
Decimal	10994112
CIE Lab	76.17, -8.99, -2.46
CIE LCh	76, 9.323, 195.297
Yxy	50.1612, 0.2931, 0.3303
Android (android.graphics.Color)	4289184192 (0xFFA7C1C0)
YUV	185.1120, 3.3958, -15.8842
Hunter-Lab	70.8246, -11.7594, 1.6991

Details

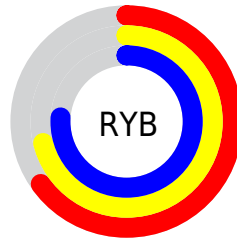
The Yxy color **50.1612, 0.2931, 0.3303** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.7884, 0.3362, 0.3277**, and the grayscale version is **48.5648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0583, 0.2966, 0.3300**, and **23.9742, 0.2876, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **48.1823, 0.2796, 0.3314**, and if you desaturate by 10%, it is **52.4582, 0.3075, 0.3293**.

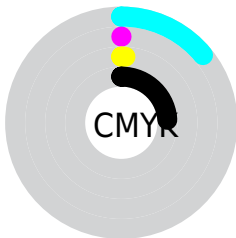
Distribution



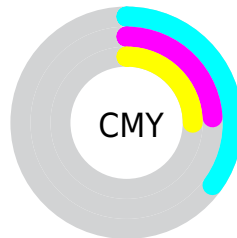
- Red (65%)
- Green (76%)
- Blue (75%)



- Red (65%)
- Yellow (71%)
- Blue (76%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)





- Cyan (35%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1612, 0.2931, 0.3303 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 50.1612, 0.2931, 0.3303 by changing the saturation by 10% instead.


 50.1612, 0.2931,
0.3303


 50.1612, 0.2931,
0.3303


387.2960, 0.3028,
0.3297

 35.5415, 0.2907,
0.3304


 90.4137, 0.2966,
0.3301

 24.0803, 0.2877,
0.3306


 116.8152, 0.2979,
0.3300

 15.3932, 0.2838,
0.3307


147.9129, 0.2990,
0.3300

 9.0958, 0.2783,
0.3310

184.0910, 0.3000,
0.3299

 4.8037, 0.2703,
0.3312

225.7339, 0.3008,
0.3299

 2.1326, 0.2576,
0.3314

273.2262, 0.3015,

 0.6828, 0.2118,

0.3298

0.3367

326.9521, 0.3022,
0.3298

0.0000, 0.0000,
0.0000

50.1612, 0.2931,
0.3303

50.1612, 0.2931,
0.3303

48.1823, 0.2796,
0.3314

52.4582, 0.3075,
0.3293

46.5014, 0.2672,
0.3325

55.0800, 0.3225,
0.3284

45.1056, 0.2563,
0.3337

58.0409, 0.3379,
0.3276

43.9788, 0.2471,
0.3350

61.3526, 0.3533,
0.3269

43.1032, 0.2397,
0.3363

63.3851, 0.3616,
0.3262

■ 42.4589, 0.2342,
0.3376

■ 63.4201, 0.3610,
0.3254

■ 42.0229, 0.2306,
0.3389

■ 63.4554, 0.3603,
0.3246

■ 41.7677, 0.2287,
0.3402

■ 63.4908, 0.3597,
0.3238

■ 41.6644, 0.2281,
0.3410

■ 63.5264, 0.3591,
0.3230

Harmonies

Analogous

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



50.1612, 0.3030, 0.3415



50.1612, 0.2931, 0.3303



50.1612, 0.2884, 0.3190

Triad

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



50.1612, 0.2931, 0.3303



50.1612, 0.3094, 0.3098



50.1612, 0.3358, 0.3471

Complementary

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



50.1612, 0.2931, 0.3303



41.7884, 0.3362, 0.3277

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.



50.1612, 0.3377, 0.3382



50.1612, 0.2931, 0.3303



50.1612, 0.3223, 0.3170

Square

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



50.1612, 0.2931, 0.3303



50.1612, 0.2977, 0.3074



50.1612, 0.3327, 0.3273



50.1612, 0.3277, 0.3512

Rectangle

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



50.1612, 0.2931, 0.3303



50.1612, 0.2888, 0.3130



50.1612, 0.3327, 0.3273



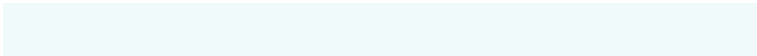
50.1612, 0.3372, 0.3445

Sweetspot

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



50.1633, 0.2931, 0.3303



93.6885, 0.3067, 0.3294



49.2894, 0.3121, 0.3641



20.0285, 0.3056, 0.3294



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



50.1633, 0.2931, 0.3303



88.7948, 0.2893, 0.3306



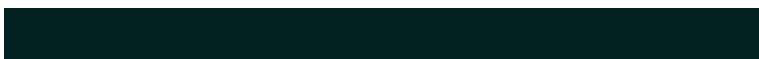
45.2277, 0.2919, 0.3133



11.4213, 0.2990, 0.3299



27.7091, 0.2280, 0.3408



1.1994, 0.2272, 0.3379

Inverse Universe

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



41.7884, 0.3362, 0.3277



71.0859, 0.3420, 0.3274



46.2419, 0.3351, 0.3442



10.0842, 0.3283, 0.3281



7.5548, 0.6351, 0.3272



0.3287, 0.6173, 0.3174

Previews

White Background



This preview shows how the Yxy color 50.1612, 0.2931, 0.3303 looks on a white background.

Color Contrast Check

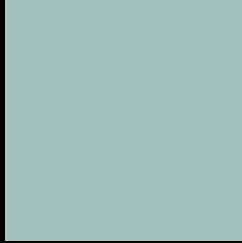
Large Text (above 18pt) WCAG AA × Fail

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 50.1612, 0.2931, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

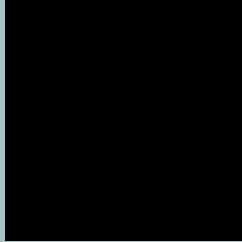
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

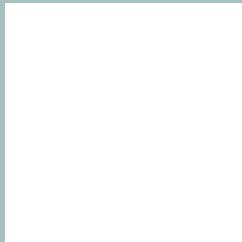
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1612, 0.2931, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 50.1612, 0.2931, 0.3303.

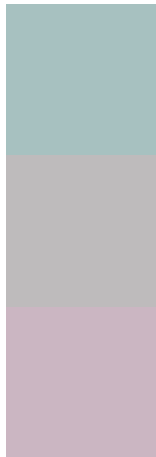


This preview shows how white text looks on a background with the Yxy color 50.1612, 0.2931, 0.3303.

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

50.1612, 0.2931, 0.3303

Protanopia

50.1186, 0.3144, 0.3277

Deuteranopia

50.0474, 0.3210, 0.3145



Tritanopia

50.2639, 0.2856, 0.3098

Trichromacy



Original Color

50.1612, 0.2931, 0.3303

Protanomaly

50.0144, 0.3070, 0.3290

Deuteranomaly

49.9152, 0.3106, 0.3202

Tritanomaly

50.3513, 0.2884, 0.3173

Monochromacy



Original Color

50.1612, 0.2931, 0.3303

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.0623, 0.3046, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1612, 0.2931, 0.3303 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(167, 193, 192)` looks like.

```
.text, #text, p{  
    color:rgb(167, 193, 192)  
}
```

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(167, 193, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 193, 192) }
```

Border

The CSS property to change the border of an element to Yxy 50.1612, 0.2931, 0.3303 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(167, 193, 192) }
```

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

```
.border{ border-color:rgb(167, 193, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 193, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 193, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 193, 192);  
box-shadow:4px 4px 4px 4px rgb(167, 193,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1612, 0.2931, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 193, 192) }
```

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

```
.background{ background-color: rgb(167,  
193, 192) }
```

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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