

Converting Colors

Yxy(58.2087, 0.2924, 0.3493)

Have a look what the booklet for
Yxy(58.2087, 0.2924, 0.3493)
contains.

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Color

Yxy(58.2037, 0.2924, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	A7D2C2
RGB	167, 210, 194
RGB Percent	65%, 82%, 76%
CMY	0.3450, 0.1765, 0.2392
CMYK	0.20, 0.00, 0.08, 0.18
HSL	158°, 32%, 74%
HSV	158°, 20%, 82%
XYZ	48.7225, 58.2037, 59.7034
YIQ	195.3190, -20.4920, -14.0920

Conversions

Conversions Part 2

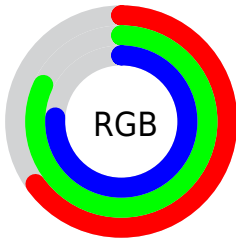
Format	Color
R _{YB}	167, 193, 210
Decimal	10998466
CIE Lab	80.85, -17.31, 3.29
CIE LCh	81, 17.615, 169.241
Yxy	58.2037, 0.2924, 0.3493
Android (android.graphics.Color)	4289188546 (0xFFA7D2C2)
YUV	195.3190, -0.6503, -24.8358
Hunter-Lab	76.2913, -19.5132, 7.0053

Details

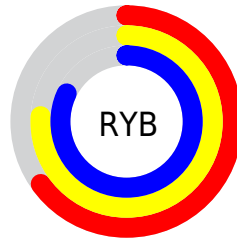
The Yxy color **58.2037, 0.2924, 0.3493** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.7649, 0.3386, 0.3096**, and the grayscale version is **54.7892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1101, 0.2962, 0.3340**, and **28.9135, 0.2872, 0.3549** is the 20% darker color. If you saturate the color by 10%, you get **55.7592, 0.2833, 0.3608**, and if you desaturate by 10%, it is **61.0429, 0.3021, 0.3388**.

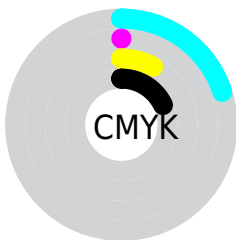
Distribution



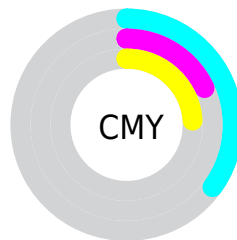
- Red (65%)
- Green (82%)
- Blue (76%)



- Red (65%)
- Yellow (76%)
- Blue (82%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)





- Cyan (35%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2037, 0.2924, 0.3493 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 58.2037, 0.2924, 0.3493 by changing the saturation by 10% instead.


 58.2037, 0.2924,
0.3493

 58.2037, 0.2924,
0.3493


417.9445, 0.3022,
0.3394

 41.9724, 0.2900,
0.3517

 102.2194, 0.2959,
0.3458

 29.0797, 0.2870,
0.3547


 130.7727, 0.2972,
0.3444

 19.1411, 0.2832,
0.3587


164.2021, 0.2984,
0.3433

 11.7723, 0.2779,
0.3642

202.8920, 0.2994,
0.3423

 6.5888, 0.2703,
0.3721

247.2268, 0.3002,
0.3414

 3.2063, 0.2585,
0.3845

297.5909, 0.3010,

 1.2404, 0.2365,

0.3407

0.4077

354.3686, 0.3016,
0.3400

■ 0.0943, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2037, 0.2924,
0.3493

■ 58.2037, 0.2924,
0.3493

■ 55.7592, 0.2833,
0.3608

■ 61.0429, 0.3021,
0.3388

■ 53.6840, 0.2751,
0.3732


■ 64.2866, 0.3122,
0.3294

■ 51.9608, 0.2682,
0.3865

■ 67.9530, 0.3225,
0.3210

■ 50.5681, 0.2629,
0.4004


■ 72.0573, 0.3327,
0.3135

 49.4820, 0.2593,
0.4147

 73.2422, 0.3301,
0.3060

 48.6750, 0.2578,
0.4292

 73.6993, 0.3245,
0.2984

 48.1148, 0.2583,
0.4436

 74.1764, 0.3191,
0.2909

 47.7549, 0.2603,
0.4570

 74.5739, 0.3148,
0.2851

Harmonies

Analogous

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



58.2037, 0.3145, 0.3648



58.2037, 0.2924, 0.3493



58.2037, 0.2761, 0.3281

Triad

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



58.2037, 0.2924, 0.3493



58.2037, 0.2881, 0.2908



58.2037, 0.3581, 0.3473

Complementary

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



58.2037, 0.2924, 0.3493



44.7649, 0.3386, 0.3096

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.



58.2037, 0.3506, 0.3281



58.2037, 0.2924, 0.3493



58.2037, 0.3096, 0.2964

Square

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



58.2037, 0.2924, 0.3493



58.2037, 0.2737, 0.2948



58.2037, 0.3326, 0.3098



58.2037, 0.3529, 0.3627

Rectangle

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



58.2037, 0.2924, 0.3493



58.2037, 0.2704, 0.3143



58.2037, 0.3326, 0.3098



58.2037, 0.3570, 0.3411

Sweetspot

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



58.2061, 0.2924, 0.3493



96.8513, 0.3065, 0.3346



59.0125, 0.3225, 0.3831



20.6599, 0.3059, 0.3352



0.0000, 0.0000, 0.0000



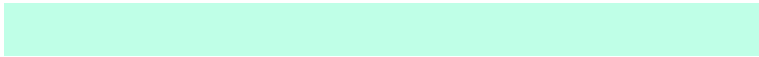
21.4041, 0.3127, 0.3290

Same Dimension

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



58.2061, 0.2924, 0.3493



88.4134, 0.2879, 0.3547



56.5267, 0.2820, 0.3226



13.3293, 0.3032, 0.3378



29.1493, 0.2597, 0.4549



1.6449, 0.2525, 0.4290

Inverse Universe

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



44.7649, 0.3386, 0.3096



63.5362, 0.3463, 0.3048



46.0094, 0.3521, 0.3353



11.8800, 0.3233, 0.3204



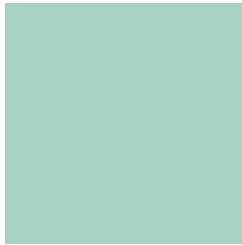
8.7129, 0.5473, 0.2788



0.5023, 0.4970, 0.2512

Previews

White Background



This preview shows how the Yxy color 58.2037, 0.2924, 0.3493 looks on a white background.

Color Contrast Check

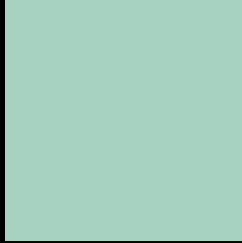
Large Text (above 18pt) WCAG AA × Fail

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 58.2037, 0.2924, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

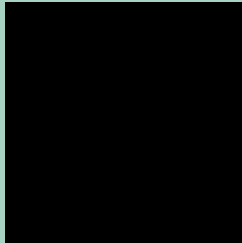
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

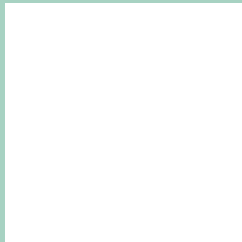
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2037, 0.2924, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 58.2037, 0.2924, 0.3493.

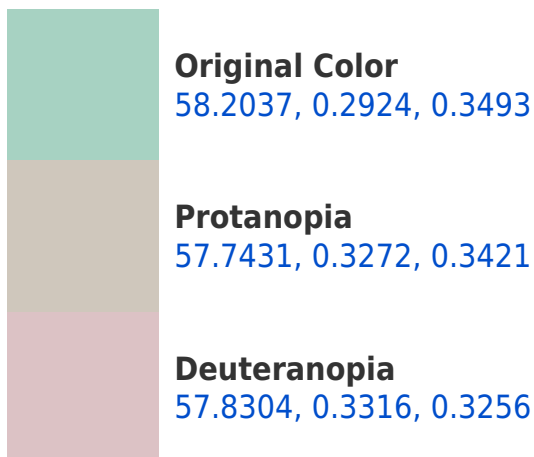


This preview shows how white text looks on a background with the Yxy color 58.2037, 0.2924, 0.3493.

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





Tritanopia

58.1872, 0.2780, 0.3094

Trichromacy



Original Color

58.2037, 0.2924, 0.3493

Protanomaly

57.6360, 0.3135, 0.3449

Deuteranomaly

57.7116, 0.3164, 0.3338

Tritanomaly

57.9252, 0.2829, 0.3227

Monochromacy



Original Color

58.2037, 0.2924, 0.3493

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.5630, 0.3047, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2037, 0.2924, 0.3493 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, 210, 194)` looks like.

```
.text, #text, p{  
    color:rgb(167, 210, 194)  
}
```

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, 210, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 210, 194) }
```

Border

The CSS property to change the border of an element to Yxy 58.2037, 0.2924, 0.3493 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, 210, 194) }
```

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

```
.border{ border-color:rgb(167, 210, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 210, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 210, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 210, 194);  
box-shadow:4px 4px 4px 4px rgb(167, 210,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2037, 0.2924, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 210, 194) }
```

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

```
.background{ background-color: rgb(167,  
210, 194) }
```

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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