

Converting Colors

Yxy(52.8888, 0.3025, 0.3495)

Have a look what the booklet for
Yxy(52.8888, 0.3025, 0.3495)
contains.

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Color

Yxy(52.9237, 0.3025, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	ABC7B7
RGB	171, 199, 183
RGB Percent	67%, 78%, 72%
CMY	0.3294, 0.2196, 0.2823
CMYK	0.14, 0.00, 0.08, 0.22
HSL	146°, 20%, 73%
HSV	146°, 14%, 78%
XYZ	45.7674, 52.9237, 52.6060
YIQ	188.8040, -11.5520, -10.9120

Conversions

Conversions Part 2

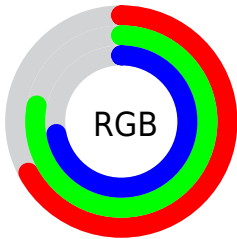
Format	Color
RYB	171, 191, 199
Decimal	11257783
CIELab	77.83, -12.54, 4.84
CIELCh	78, 13.441, 158.893
Yxy	52.9237, 0.3025, 0.3498
Android (android.graphics.Color)	4289447863 (0xFFABC7B7)
YUV	188.8040, -2.8614, -15.6141
Hunter-Lab	72.7487, -15.0130, 8.0503

Details

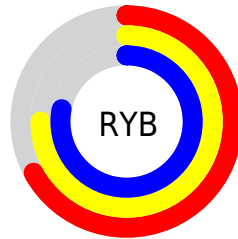
The Yxy color **52.9237, 0.3025, 0.3498** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.8605, 0.3244, 0.3091**, and the grayscale version is **50.7950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0829, 0.3046, 0.3452**, and **25.7844, 0.3002, 0.3557** is the 20% darker color. If you saturate the color by 10%, you get **50.4021, 0.2955, 0.3667**, and if you desaturate by 10%, it is **55.8245, 0.3097, 0.3347**.

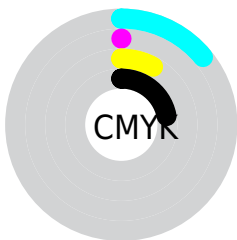
Distribution



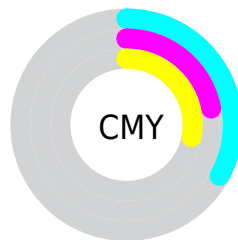
- Red (67%)
- Green (78%)
- Blue (72%)



- Red (67%)
- Yellow (75%)
- Blue (78%)



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)




- Cyan (33%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9237, 0.3025, 0.3498 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 52.9237, 0.3025, 0.3498 by changing the saturation by 10% instead.

 52.9237, 0.3025,
0.3498

 52.9237, 0.3025,
0.3498

397.9923, 0.3076,
0.3395

 37.7419, 0.3012,
0.3524


 94.4921, 0.3043,
0.3461

 25.7824, 0.2996,
0.3556


121.6474, 0.3050,
0.3447

 16.6609, 0.2975,
0.3600


153.5627, 0.3056,
0.3435

 9.9930, 0.2945,
0.3661

190.6224, 0.3061,
0.3424

 5.3943, 0.2901,
0.3751

233.2107, 0.3066,
0.3415

 2.4804, 0.2829,
0.3898

281.7123, 0.3069,

 0.8668, 0.2602,

0.3408

0.4356

336.5113, 0.3073,
0.3401

0.0000, 0.0000,
0.0000

52.9237, 0.3025,
0.3498

52.9237, 0.3025,
0.3498

50.4021, 0.2955,
0.3667

55.8245, 0.3097,
0.3347

48.2370, 0.2890,
0.3853

59.1127, 0.3170,
0.3212

46.4138, 0.2833,
0.4054

62.8046, 0.3242,
0.3094

44.9138, 0.2787,
0.4268

66.9136, 0.3312,
0.2990

43.7167, 0.2756,
0.4490

68.3907, 0.3262,
0.2883

■ 42.8000, 0.2742,
0.4713

■ 69.0875, 0.3179,
0.2777

■ 42.1375, 0.2748,
0.4931

■ 69.3275, 0.3153,
0.2742

■ 41.6977, 0.2772,
0.5135

■ 41.5080, 0.2791,
0.5248

Harmonies

Analogous

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



52.9237, 0.3206, 0.3593



52.9237, 0.3025, 0.3498



52.9237, 0.2875, 0.3343

Triad

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



52.9237, 0.3025, 0.3498



52.9237, 0.2886, 0.2990



52.9237, 0.3475, 0.3386

Complementary

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



52.9237, 0.3025, 0.3498



44.8605, 0.3244, 0.3091

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.



52.9237, 0.3384, 0.3231



52.9237, 0.3025, 0.3498



52.9237, 0.3041, 0.3007

Square

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



52.9237, 0.3025, 0.3498



52.9237, 0.2796, 0.3050



52.9237, 0.3224, 0.3095



52.9237, 0.3469, 0.3521

Rectangle

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



52.9237, 0.3025, 0.3498



52.9237, 0.2810, 0.3231



52.9237, 0.3224, 0.3095



52.9237, 0.3454, 0.3335

Sweetspot

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



52.9259, 0.3025, 0.3498



97.7468, 0.3098, 0.3347



54.3958, 0.3240, 0.3645



20.8338, 0.3092, 0.3358



0.0000, 0.0000, 0.0000



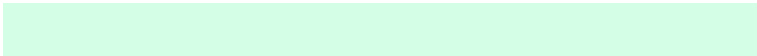
21.4041, 0.3127, 0.3290

Same Dimension

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



52.9259, 0.3025, 0.3498



91.1911, 0.3002, 0.3550



53.5228, 0.2931, 0.3319



11.9621, 0.3059, 0.3425



26.7070, 0.2784, 0.5223



1.2790, 0.2668, 0.4805

Inverse Universe

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



44.8605, 0.3244, 0.3091



74.2528, 0.3275, 0.3044



44.3029, 0.3364, 0.3261



10.7368, 0.3202, 0.3159



8.6025, 0.4642, 0.2331



0.4216, 0.4265, 0.2123

Previews

White Background



This preview shows how the Yxy color 52.9237, 0.3025, 0.3498 looks on a white background.

Color Contrast Check

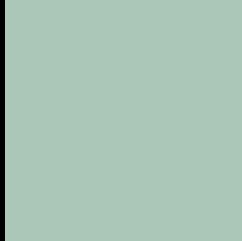
Large Text (above 18pt) WCAG AA × Fail

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 52.9237, 0.3025, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

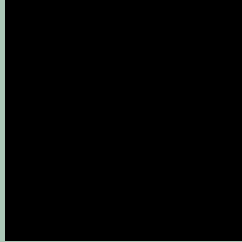
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

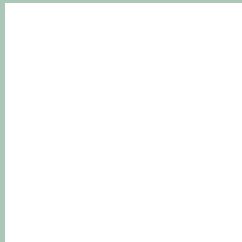
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9237, 0.3025, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 52.9237, 0.3025, 0.3498.



This preview shows how white text looks on a background with the Yxy color 52.9237, 0.3025, 0.3498.

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

52.9237, 0.3025, 0.3498

Protanopia

52.6584, 0.3286, 0.3439

Deuteranopia

52.8091, 0.3356, 0.3291



Tritanopia

52.9135, 0.2876, 0.3102

Trichromacy



Original Color

52.9237, 0.3025, 0.3498

Protanomaly

52.6977, 0.3192, 0.3467

Deuteranomaly

52.7702, 0.3231, 0.3364

Tritanomaly

52.6487, 0.2929, 0.3239

Monochromacy



Original Color

52.9237, 0.3025, 0.3498

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.6729, 0.3084, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9237, 0.3025, 0.3498 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(171, 199, 183)` looks like.

```
.text, #text, p{  
    color:rgb(171, 199, 183)  
}
```

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(171, 199, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 199, 183) }
```

Border

The CSS property to change the border of an element to Yxy 52.9237, 0.3025, 0.3498 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(171, 199, 183) }
```

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

```
.border{ border-color:rgb(171, 199, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 199, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 199, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 199, 183);  
box-shadow:4px 4px 4px 4px rgb(171, 199,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9237, 0.3025, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 199, 183) }
```

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

```
.background{ background-color: rgb(171,  
199, 183) }
```

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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