

Converting Colors

$Yxy(62.2645, 0.2929, 0.3520)$

Have a look what the booklet for
Yxy(62.2645, 0.2929, 0.3520)
contains.

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Color

Yxy(62.3609, 0.2928, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	ABD9C6
RGB	171, 217, 198
RGB Percent	67%, 85%, 78%
CMY	0.3295, 0.1490, 0.2234
CMYK	0.21, 0.00, 0.09, 0.15
HSL	155°, 38%, 76%
HSV	155°, 21%, 85%
XYZ	51.7994, 62.3609, 62.7501
YIQ	201.0800, -21.3170, -15.6610

Conversions

Conversions Part 2

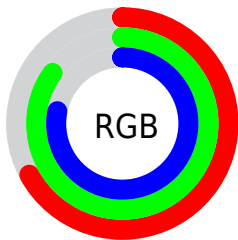
Format	Color
RYB	171, 200, 217
Decimal	11262406
CIELab	83.10, -18.76, 4.43
CIElCh	83, 19.281, 166.704
Yxy	62.3609, 0.2928, 0.3525
Android (android.graphics.Color)	4289452486 (0xFFABD9C6)
YUV	201.0800, -1.5184, -26.3802
Hunter-Lab	78.9689, -21.1092, 8.1654

Details

The Yxy color **62.3609, 0.2928, 0.3525** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.5862, 0.3381, 0.3067**, and the grayscale version is **58.4803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **31.7058, 0.2880, 0.3591** is the 20% darker color. If you saturate the color by 10%, you get **59.7228, 0.2842, 0.3654**, and if you desaturate by 10%, it is **65.4286, 0.3020, 0.3408**.

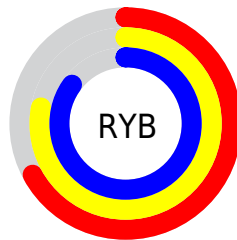
Distribution



Red (67%)

Green (85%)

Blue (78%)



Red (67%)

Yellow (78%)

Blue (85%)

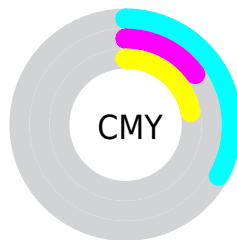


Cyan (21%)

Magenta (0%)

Yellow (9%)

Black (15%)



Cyan (33%)


Magenta (15%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3609, 0.2928, 0.3525 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 62.3609, 0.2928, 0.3525 by changing the saturation by 10% instead.


 62.3609, 0.2928,
0.3525

 62.3609, 0.2928,
0.3525

433.2463, 0.3024,
0.3411

 45.3244, 0.2905,
0.3552


 108.2470, 0.2962,
0.3485

 31.7130, 0.2877,
0.3587


137.8653, 0.2975,
0.3469

 21.1424, 0.2840,
0.3632


172.4463, 0.2986,
0.3456

 13.2281, 0.2790,
0.3692

212.3745, 0.2996,
0.3445

 7.5858, 0.2719,
0.3779

258.0342, 0.3004,
0.3435

 3.8311, 0.2611,
0.3914

309.8098, 0.3011,

 1.5795, 0.2426,

0.3426

0.4150

368.0857, 0.3018,
0.3418

0.3437, 0.0000,
0.8425

0.0000, 0.0000,
0.0000

62.3609, 0.2928,
0.3525

62.3609, 0.2928,
0.3525

59.7228, 0.2842,
0.3654

65.4286, 0.3020,
0.3408

57.4867, 0.2765,
0.3794

68.9367, 0.3115,
0.3302

55.6335, 0.2701,
0.3943

72.9052, 0.3212,
0.3208

54.1396, 0.2652,
0.4099

76.8194, 0.3288,
0.3123

■ 52.9786, 0.2622,
0.4260

■ 77.3462, 0.3227,
0.3036

■ 52.1205, 0.2612,
0.4422

■ 77.8994, 0.3166,
0.2951

■ 51.5292, 0.2622,
0.4581

■ 78.1094, 0.3145,
0.2920

■ 51.1758, 0.2644,
0.4717

Harmonies

Analogous

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



62.3609, 0.3167, 0.3683



62.3609, 0.2928, 0.3525



62.3609, 0.2747, 0.3300

Triad

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



62.3609, 0.2928, 0.3525



62.3609, 0.2848, 0.2882



62.3609, 0.3612, 0.3468

Complementary

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



62.3609, 0.2928, 0.3525



47.5862, 0.3381, 0.3067

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.



62.3609, 0.3520, 0.3262



62.3609, 0.2928, 0.3525



62.3609, 0.3072, 0.2933

Square

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



62.3609, 0.2928, 0.3525



62.3609, 0.2702, 0.2933



62.3609, 0.3320, 0.3070



62.3609, 0.3567, 0.3638

Rectangle

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



62.3609, 0.2928, 0.3525



62.3609, 0.2680, 0.3149



62.3609, 0.3320, 0.3070



62.3609, 0.3596, 0.3401

Sweetspot

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



62.3635, 0.2928, 0.3525



96.8132, 0.3069, 0.3352



63.5362, 0.3240, 0.3852



20.6509, 0.3063, 0.3359



0.0000, 0.0000, 0.0000



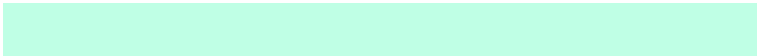
21.4041, 0.3127, 0.3290

Same Dimension

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



62.3635, 0.2928, 0.3525



88.2701, 0.2893, 0.3575



61.3404, 0.2810, 0.3242



14.7340, 0.3037, 0.3388



30.9983, 0.2638, 0.4695



2.0252, 0.2567, 0.4441

Inverse Universe

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



47.5862, 0.3381, 0.3067



63.6683, 0.3442, 0.3022



48.2799, 0.3543, 0.3337



13.1401, 0.3227, 0.3194



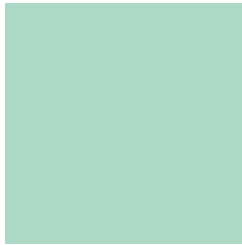
9.3912, 0.5317, 0.2703



0.6253, 0.4893, 0.2469

Previews

White Background



This preview shows how the Yxy color 62.3609, 0.2928, 0.3525 looks on a white background.

Color Contrast Check

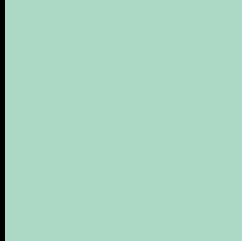
Large Text (above 18pt) WCAG AA × Fail

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 62.3609, 0.2928, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

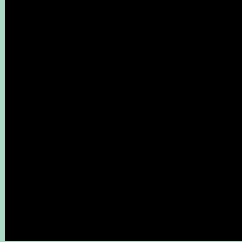
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

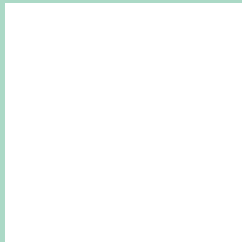
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.3609, 0.2928, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 62.3609, 0.2928, 0.3525.

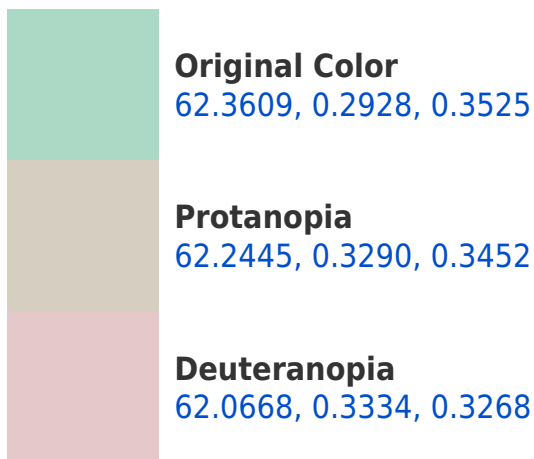


This preview shows how white text looks on a background with the Yxy color 62.3609, 0.2928, 0.3525.

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

62.0912, 0.2776, 0.3088

Trichromacy



Original Color

62.3609, 0.2928, 0.3525

Protanomaly

61.9940, 0.3148, 0.3481

Deuteranomaly

61.6251, 0.3170, 0.3348

Tritanomaly

62.2691, 0.2830, 0.3241

Monochromacy



Original Color

62.3609, 0.2928, 0.3525

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.7429, 0.3049, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3609, 0.2928, 0.3525 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, 217, 198)` looks like.

```
.text, #text, p{  
    color:rgb(171, 217, 198)  
}
```

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, 217, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 217, 198) }
```

Border

The CSS property to change the border of an element to Yxy 62.3609, 0.2928, 0.3525 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, 217, 198) }
```

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

```
.border{ border-color:rgb(171, 217, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 217, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 217, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 217, 198);  
box-shadow:4px 4px 4px 4px rgb(171, 217,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3609, 0.2928, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 217, 198) }
```

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

```
.background{ background-color: rgb(171,  
217, 198) }
```

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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