

Converting Colors

$Yxy(62.3312, 0.2960, 0.3638)$

Have a look what the booklet for
Yxy(62.3312, 0.2960, 0.3638)
contains.

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Color

Yxy(62.2955, 0.2965, 0.3641)

Conversions

Conversions Part 1

Format	Color
Hex	A9DABE
RGB	169, 218, 190
RGB Percent	66%, 85%, 75%
CMY	0.3372, 0.1451, 0.2549
CMYK	0.22, 0.00, 0.13, 0.15
HSL	146°, 40%, 76%
HSV	146°, 22%, 85%
XYZ	50.7295, 62.2955, 58.0695
YIQ	200.1570, -20.2160, -19.0960

Conversions

Conversions Part 2

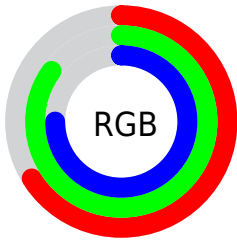
Format	Color
R _{YB}	169, 203, 218
Decimal	11131582
CIE Lab	83.07, -21.45, 8.62
CIE LCh	83, 23.114, 158.103
Yxy	62.2955, 0.2965, 0.3641
Android (android.graphics.Color)	4289321662 (0xFFA9DABE)
YUV	200.1570, -5.0074, -27.3247
Hunter-Lab	78.9275, -23.3948, 11.6277

Details

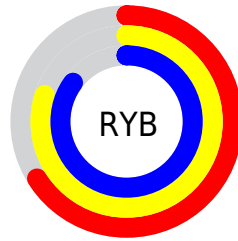
The Yxy color **62.2955, 0.2965, 0.3641** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.3163, 0.3331, 0.2964**, and the grayscale version is **57.9038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1814, 0.2995, 0.3381**, and **31.7135, 0.2919, 0.3731** is the 20% darker color. If you saturate the color by 10%, you get **59.5628, 0.2899, 0.3826**, and if you desaturate by 10%, it is **65.4820, 0.3036, 0.3474**.

Distribution



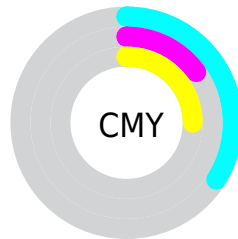
- Red (66%)
- Green (85%)
- Blue (75%)



- Red (66%)
- Yellow (80%)
- Blue (85%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)





- Cyan (34%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2955, 0.2965, 0.3641 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 62.2955, 0.2965, 0.3641 by changing the saturation by 10% instead.


 62.2955, 0.2965,
0.3641

 62.2955, 0.2965,
0.3641


433.0082, 0.3044,
0.3470

 45.2715, 0.2946,
0.3683


 108.1525, 0.2993,
0.3580

 31.6713, 0.2921,
0.3735


137.7543, 0.3004,
0.3556

 21.1106, 0.2889,
0.3804


172.3175, 0.3013,
0.3537

 13.2049, 0.2846,
0.3899

212.2265, 0.3021,
0.3519

 7.5698, 0.2783,
0.4035

257.8656, 0.3028,
0.3505

 3.8209, 0.2684,
0.4249

309.6194, 0.3034,

 1.5739, 0.2506,

0.3492

0.4631

367.8721, 0.3040,
0.3480

0.3399, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.2955, 0.2965,
0.3641

62.2955, 0.2965,
0.3641

59.5628, 0.2899,
0.3826

65.4820, 0.3036,
0.3474

57.2549, 0.2840,
0.4026


69.1340, 0.3109,
0.3324

55.3517, 0.2792,
0.4240

73.2728, 0.3182,
0.3192

53.8282, 0.2759,
0.4462

77.6854, 0.3246,
0.3074


 52.6563, 0.2743,
0.4687

 78.4507, 0.3162,
0.2956

 51.8041, 0.2746,
0.4907

 78.6241, 0.3144,
0.2930

 51.2334, 0.2768,
0.5114

 50.9422, 0.2794,
0.5259

Harmonies

Analogous

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



62.2955, 0.3257, 0.3795



62.2955, 0.2965, 0.3641



62.2955, 0.2724, 0.3381

Triad

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



62.2955, 0.2965, 0.3641



62.2955, 0.2731, 0.2809



62.2955, 0.3695, 0.3430

Complementary

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



62.2955, 0.2965, 0.3641



47.3163, 0.3331, 0.2964

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.



62.2955, 0.3541, 0.3185



62.2955, 0.2965, 0.3641



62.2955, 0.2977, 0.2838

Square

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



62.2955, 0.2965, 0.3641



62.2955, 0.2594, 0.2901



62.2955, 0.3274, 0.2973



62.2955, 0.3687, 0.3653

Rectangle

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



62.2955, 0.2965, 0.3641



62.2955, 0.2621, 0.3194



62.2955, 0.3274, 0.2973



62.2955, 0.3660, 0.3348

Sweetspot

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



62.2981, 0.2965, 0.3641



96.1308, 0.3075, 0.3391



64.9589, 0.3308, 0.3877



20.5080, 0.3071, 0.3400



0.0000, 0.0000, 0.0000



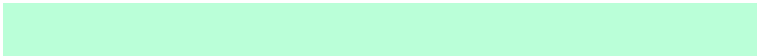
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2981, 0.2965, 0.3641



86.9182, 0.2933, 0.3727



63.4310, 0.2819, 0.3339



14.6984, 0.3058, 0.3427



30.5396, 0.2786, 0.5231



1.9955, 0.2697, 0.4908

Inverse Universe

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



47.3163, 0.3331, 0.2964



61.9041, 0.3386, 0.2891



46.3056, 0.3547, 0.3242



13.1756, 0.3203, 0.3157



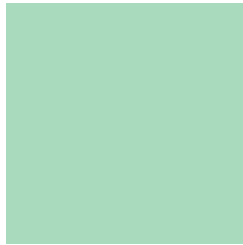
9.8322, 0.4650, 0.2335



0.6541, 0.4352, 0.2171

Previews

White Background



This preview shows how the Yxy color 62.2955, 0.2965, 0.3641 looks on a white background.

Color Contrast Check

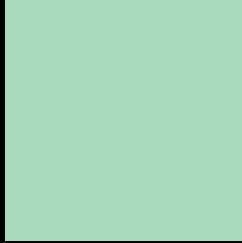
Large Text (above 18pt) WCAG AA × Fail

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 62.2955, 0.2965, 0.3641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

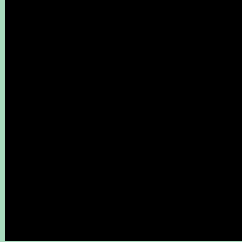
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

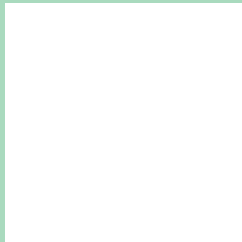
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2955, 0.2965, 0.3641

Background



This preview shows how black text looks on a background with the Yxy color 62.2955, 0.2965, 0.3641.

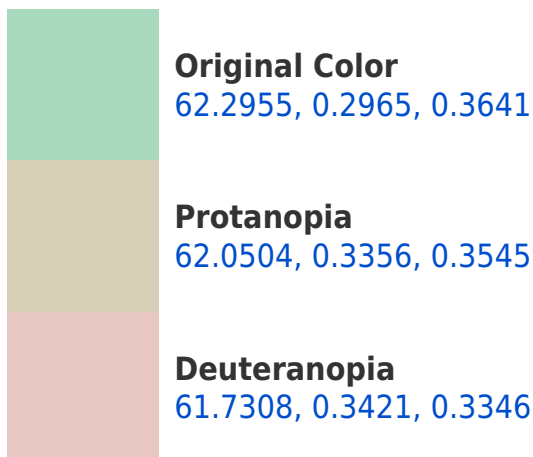


This preview shows how white text looks on a background with the Yxy color 62.2955, 0.2965, 0.3641.

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

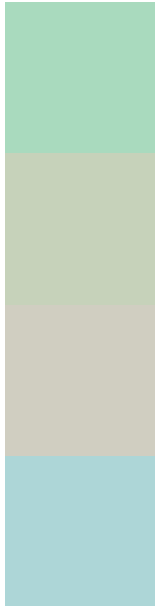




Tritanopia

61.9742, 0.2769, 0.3088

Trichromacy



Original Color

62.2955, 0.2965, 0.3641

Protanomaly

61.6441, 0.3204, 0.3578

Deuteranomaly

61.4028, 0.3235, 0.3442

Tritanomaly

61.8837, 0.2835, 0.3277

Monochromacy



Original Color

62.2955, 0.2965, 0.3641

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

59.4300, 0.3068, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2955, 0.2965, 0.3641 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(169, 218, 190)` looks like.

```
.text, #text, p{  
    color:rgb(169, 218, 190)  
}
```

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(169, 218, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 218, 190) }
```

Border

The CSS property to change the border of an element to Yxy 62.2955, 0.2965, 0.3641 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(169, 218, 190) }
```

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

```
.border{ border-color:rgb(169, 218, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 218, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 218, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 218, 190); box-shadow:4px 4px 4px 4px rgb(169, 218, 190) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2955, 0.2965, 0.3641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 218, 190) }
```

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

```
.background{ background-color: rgb(169,  
218, 190) }
```

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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