

# Converting Colors

$Yxy(62.3515, 0.2952, 0.3598)$

Have a look what the booklet for  
Yxy(62.3515, 0.2952, 0.3598)  
contains.

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# Color

**Yxy(62.5391, 0.2953, 0.3602)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AADAC1
RGB	170, 218, 193
RGB Percent	67%, 85%, 76%
CMY	0.3334, 0.1451, 0.2432
CMYK	0.22, 0.00, 0.11, 0.15
HSL	149°, 39%, 76%
HSV	149°, 22%, 85%
XYZ	51.2710, 62.5391, 59.8132
YIQ	200.7980, -20.5830, -17.9510

# Conversions

## Conversions Part 2

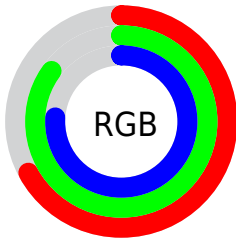
Format	Color
<a href="#">RYB</a>	<a href="#">170, 202, 218</a>
Decimal	<a href="#">11197121</a>
CIELab	<a href="#">83.20, -20.56, 7.24</a>
CIElCh	<a href="#">83, 21.800, 160.617</a>
Yxy	<a href="#">62.5391, 0.2953, 0.3602</a>
Android (android.graphics.Color)	<a href="#">4289387201 (0xFFAADAC1)</a>
YUV	<a href="#">200.7980, -3.8444, -27.0098</a>
Hunter-Lab	<a href="#">79.0817, -22.6662, 10.5133</a>

# Details

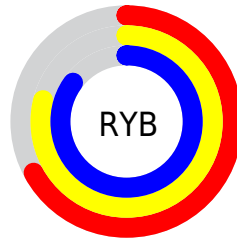
The Yxy color **62.5391, 0.2953, 0.3602** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.5916, 0.3347, 0.2998**, and the grayscale version is **58.3100, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5283, 0.2985, 0.3350**, and **31.8404, 0.2912, 0.3694** is the 20% darker color. If you saturate the color by 10%, you get **59.8228, 0.2881, 0.3769**, and if you desaturate by 10%, it is **65.7025, 0.3031, 0.3451**.

# Distribution



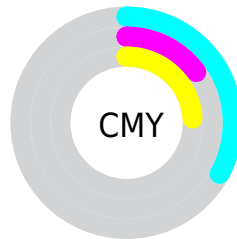
- Red (67%)
- Green (85%)
- Blue (76%)



- Red (67%)
- Yellow (79%)
- Blue (85%)



- Cyan (22%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)




- Cyan (33%)
- Magenta (15%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5391, 0.2953, 0.3602 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 62.5391, 0.2953, 0.3602 by changing the saturation by 10% instead.



 62.5391, 0.2953,  
0.3602

 62.5391, 0.2953,  
0.3602


433.8948, 0.3037,  
0.3450

 45.4684, 0.2933,  
0.3639


 108.5043, 0.2983,  
0.3548

 31.8266, 0.2907,  
0.3685


138.1676, 0.2995,  
0.3527

 21.2291, 0.2874,  
0.3746


172.7973, 0.3004,  
0.3510

 13.2915, 0.2828,  
0.3828

212.7778, 0.3013,  
0.3494

 7.6296, 0.2763,  
0.3948

258.4933, 0.3020,  
0.3481

 3.8589, 0.2662,  
0.4134

310.3284, 0.3027,

 1.5949, 0.2484,

0.3470

0.4464

368.6675, 0.3032,  
0.3459

0.3542, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

62.5391, 0.2953,  
0.3602

62.5391, 0.2953,  
0.3602

59.8228, 0.2881,  
0.3769

65.7025, 0.3031,  
0.3451

57.5249, 0.2816,  
0.3950

69.3244, 0.3111,  
0.3316

55.6257, 0.2763,  
0.4143

73.4255, 0.3191,  
0.3195

54.1006, 0.2725,  
0.4345

77.6054, 0.3255,  
0.3088

■ 52.9221, 0.2705,  
0.4551

■ 78.2959, 0.3179,  
0.2979

■ 52.0588, 0.2704,  
0.4754

■ 78.6274, 0.3144,  
0.2930

■ 51.4732, 0.2723,  
0.4949

■ 51.1555, 0.2749,  
0.5096

# Harmonies

## Analogous

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



62.5391, 0.3227, 0.3758



62.5391, 0.2953, 0.3602



62.5391, 0.2732, 0.3353

# Triad

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



62.5391, 0.2953, 0.3602



62.5391, 0.2770, 0.2834



62.5391, 0.3667, 0.3443

# Complementary

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



62.5391, 0.2953, 0.3602



47.5916, 0.3347, 0.2998

# 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.



62.5391, 0.3534, 0.3211



62.5391, 0.2953, 0.3602



62.5391, 0.3008, 0.2870

# Square

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



62.5391, 0.2953, 0.3602



62.5391, 0.2630, 0.2912



62.5391, 0.3289, 0.3005



62.5391, 0.3647, 0.3648



# Rectangle

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



62.5391, 0.2953, 0.3602



62.5391, 0.2641, 0.3179



62.5391, 0.3289, 0.3005



62.5391, 0.3639, 0.3365

# Sweetspot

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



62.5417, 0.2953, 0.3602



96.1858, 0.3070, 0.3382



64.7312, 0.3286, 0.3868



20.5207, 0.3065, 0.3390



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

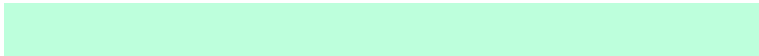


# Same Dimension

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



62.5417, 0.2953, 0.3602



87.4920, 0.2922, 0.3670



63.6710, 0.2811, 0.3308



14.7096, 0.3051, 0.3414



30.6662, 0.2742, 0.5070



2.0041, 0.2656, 0.4762



# Inverse Universe

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



47.5916, 0.3347, 0.2998



62.8671, 0.3400, 0.2939



46.6139, 0.3559, 0.3272



13.1643, 0.3211, 0.3169



9.6740, 0.4861, 0.2451



0.6441, 0.4519, 0.2263



# Previews

## White Background



This preview shows how the Yxy color 62.5391, 0.2953, 0.3602 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

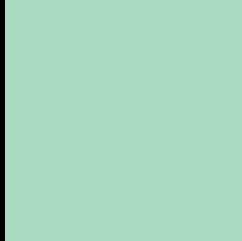
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.5391, 0.2953, 0.3602 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

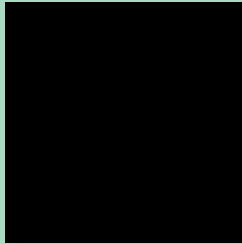
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

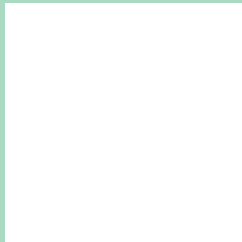
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 62.5391, 0.2953, 0.3602**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.5391, 0.2953, 0.3602.

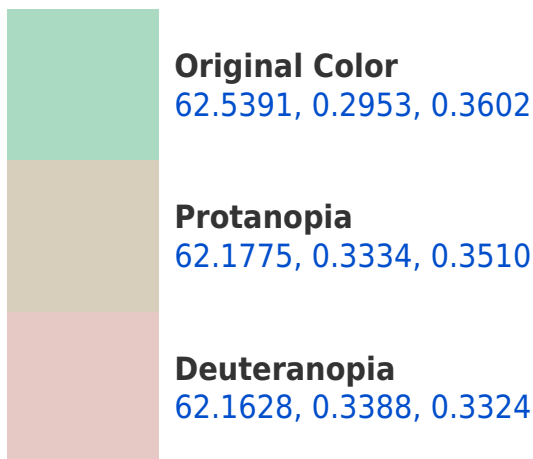


This preview shows how white text looks on a background with the Yxy color 62.5391, 0.2953, 0.3602.

# 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

62.6488, 0.2771, 0.3088

# Trichromacy



## Original Color

62.5391, 0.2953, 0.3602

## Protanomaly

61.9094, 0.3190, 0.3541

## Deuteranomaly

62.0211, 0.3213, 0.3418

## Tritanomaly

62.6093, 0.2831, 0.3265

# Monochromacy



## Original Color

62.5391, 0.2953, 0.3602

## Achromatopsia

58.4078, 0.3127, 0.3290

## Achromatomaly

59.6500, 0.3062, 0.3399

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.5391, 0.2953, 0.3602 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(170, 218, 193)` looks like.

```
.text, #text, p{  
    color:rgb(170, 218, 193)  
}
```

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(170, 218, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 218, 193) }
```

## Border

The CSS property to change the border of an element to Yxy 62.5391, 0.2953, 0.3602 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(170, 218, 193) }
```

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

```
.border{ border-color:rgb(170, 218, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 218, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 218, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 218, 193);  
box-shadow:4px 4px 4px 4px rgb(170, 218,  
193) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.5391, 0.2953, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 218, 193) }
```

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

```
.background{ background-color: rgb(170,  
218, 193) }
```

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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