

Converting Colors

$Yxy(62.2778, 0.3056, 0.3691)$

Have a look what the booklet for
Yxy(62.2778, 0.3056, 0.3691)
contains.

Yxy(62.4335, 0.3058, 0.3701)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.4335, 0.3058, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	B1D9B8
RGB	177, 217, 184
RGB Percent	69%, 85%, 72%
CMY	0.3061, 0.1490, 0.2785
CMYK	0.18, 0.00, 0.15, 0.15
HSL	131°, 35%, 77%
HSV	131°, 18%, 85%
XYZ	51.5865, 62.4335, 54.6736
YIQ	201.2780, -13.2470, -18.7430

Conversions

Conversions Part 2

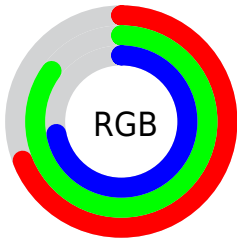
Format	Color
RYB	177, 211, 217
Decimal	11655608
CIELab	83.14, -19.49, 11.97
CIELCh	83, 22.873, 148.440
Yxy	62.4335, 0.3058, 0.3701
Android (android.graphics.Color)	4289845688 (0xFFB1D9B8)
YUV	201.2780, -8.5181, -21.2918
Hunter-Lab	79.0149, -21.7386, 14.2853

Details

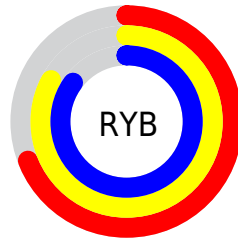
The Yxy color **62.4335, 0.3058, 0.3701** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.8309, 0.3205, 0.2911**, and the grayscale version is **58.6456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1349, 0.3077, 0.3440**, and **31.7644, 0.3038, 0.3810** is the 20% darker color. If you saturate the color by 10%, you get **59.3847, 0.3021, 0.3963**, and if you desaturate by 10%, it is **65.9877, 0.3096, 0.3467**.

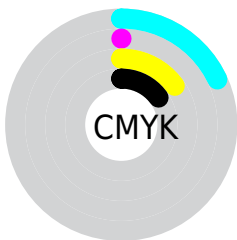
Distribution



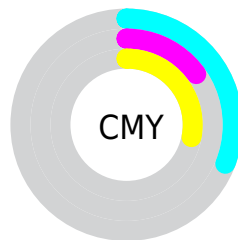
- Red (69%)
- Green (85%)
- Blue (72%)



- Red (69%)
- Yellow (83%)
- Blue (85%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (15%)





- Cyan (31%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4335, 0.3058, 0.3701 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 62.4335, 0.3058, 0.3701 by changing the saturation by 10% instead.


 62.4335, 0.3058,
0.3701

 62.4335, 0.3058,
0.3701

433.5106, 0.3094,
0.3500

 45.3831, 0.3049,
0.3750


 108.3518, 0.3071,
0.3629

 31.7593, 0.3037,
0.3812


137.9885, 0.3076,
0.3602

 21.1777, 0.3021,
0.3893


172.5894, 0.3080,
0.3578

 13.2539, 0.2998,
0.4004

212.5388, 0.3084,
0.3558

 7.6036, 0.2963,
0.4165

258.2213, 0.3087,
0.3541

 3.8424, 0.2905,
0.4417

310.0212, 0.3089,

 1.5858, 0.2803,

0.3526

0.4891

368.3228, 0.3092,
0.3512

0.3480, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.4335, 0.3058,
0.3701

62.4335, 0.3058,
0.3701

59.3847, 0.3021,
0.3963

65.9877, 0.3096,
0.3467

56.8107, 0.2987,
0.4249

70.0604, 0.3133,
0.3260

54.6897, 0.2957,
0.4552

74.6744, 0.3169,
0.3079

52.9951, 0.2936,
0.4862

78.1146, 0.3144,
0.2920

■ 51.6975, 0.2924,
0.5163

■ 50.7638, 0.2924,
0.5436

■ 50.1552, 0.2936,
0.5662

■ 49.8154, 0.2956,
0.5830

■ 49.7754, 0.2959,
0.5851

Harmonies

Analogous

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



62.4335, 0.3348, 0.3806



62.4335, 0.3058, 0.3701



62.4335, 0.2796, 0.3469

Triad

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



62.4335, 0.3058, 0.3701



62.4335, 0.2678, 0.2830



62.4335, 0.3656, 0.3350

Complementary

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



62.4335, 0.3058, 0.3701



50.8309, 0.3205, 0.2911

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.



62.4335, 0.3460, 0.3113



62.4335, 0.3058, 0.3701



62.4335, 0.2891, 0.2821

Square

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



62.4335, 0.3058, 0.3701



62.4335, 0.2584, 0.2960



62.4335, 0.3177, 0.2924



62.4335, 0.3701, 0.3584

Rectangle

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



62.4335, 0.3058, 0.3701



62.4335, 0.2669, 0.3283



62.4335, 0.3177, 0.2924



62.4335, 0.3605, 0.3269

Sweetspot

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



62.4361, 0.3058, 0.3701



96.4270, 0.3105, 0.3414



66.5584, 0.3352, 0.3755



20.5597, 0.3102, 0.3429



0.0000, 0.0000, 0.0000



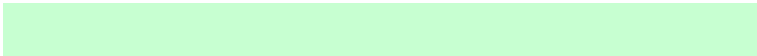
21.4041, 0.3127, 0.3290

Same Dimension

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



62.4361, 0.3058, 0.3701



88.2399, 0.3044, 0.3796



63.3192, 0.2933, 0.3452



14.6434, 0.3092, 0.3488



30.1369, 0.2953, 0.5833



1.9639, 0.2875, 0.5550

Inverse Universe

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



50.8309, 0.3205, 0.2911



68.6621, 0.3223, 0.2832



49.9100, 0.3369, 0.3134



13.2335, 0.3164, 0.3099



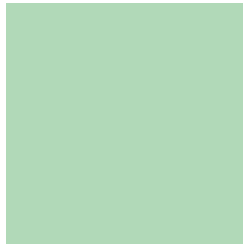
10.9109, 0.3708, 0.1816



0.7174, 0.3613, 0.1764

Previews

White Background



This preview shows how the Yxy color 62.4335, 0.3058, 0.3701 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 62.4335, 0.3058, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

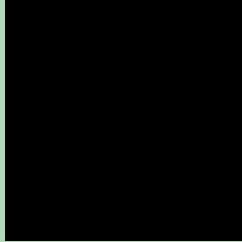
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

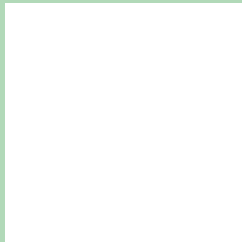
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4335, 0.3058, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 62.4335, 0.3058, 0.3701.

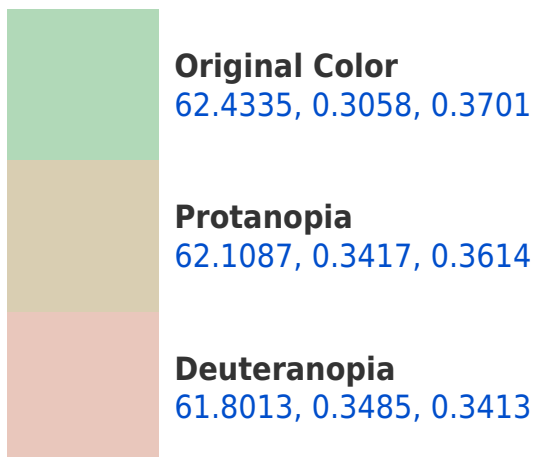


This preview shows how white text looks on a background with the Yxy color 62.4335, 0.3058, 0.3701.

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

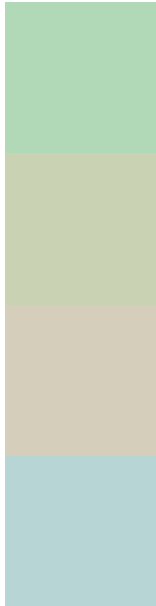




Tritanopia

62.5043, 0.2833, 0.3090

Trichromacy



Original Color

62.4335, 0.3058, 0.3701

Protanomaly

61.9450, 0.3277, 0.3648

Deuteranomaly

61.8766, 0.3318, 0.3511

Tritanomaly

62.2870, 0.2914, 0.3301

Monochromacy



Original Color

62.4335, 0.3058, 0.3701

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.7722, 0.3098, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4335, 0.3058, 0.3701 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(177, 217, 184)` looks like.

```
.text, #text, p{  
    color:rgb(177, 217, 184)  
}
```

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(177, 217, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 217, 184) }
```

Border

The CSS property to change the border of an element to Yxy 62.4335, 0.3058, 0.3701 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(177, 217, 184) }
```

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

```
.border{ border-color:rgb(177, 217, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 217, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 217, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 217, 184);  
box-shadow:4px 4px 4px 4px rgb(177, 217,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4335, 0.3058, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 217, 184) }
```

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

```
.background{ background-color: rgb(177,  
217, 184) }
```

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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