

# Converting Colors

$Yxy(62.3395, 0.3029, 0.3399)$

Have a look what the booklet for  
Yxy(62.3395, 0.3029, 0.3399)  
contains.

<b>Yxy(62.3459, 0.3028, 0.3397)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(62.3459, 0.3028, 0.3397)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BED4CB
RGB	190, 212, 203
RGB Percent	75%, 83%, 80%
CMY	0.2546, 0.1687, 0.2039
CMYK	0.10, 0.00, 0.04, 0.17
HSL	155°, 20%, 79%
HSV	155°, 10%, 83%
XYZ	55.5736, 62.3459, 65.6128
YIQ	204.3960, -10.2230, -7.4630

# Conversions

## Conversions Part 2

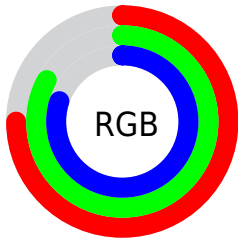
Format	Color
<a href="#">RYB</a>	<a href="#">190, 204, 212</a>
Decimal	<a href="#">12506315</a>
CIELab	<a href="#">83.10, -9.04, 1.93</a>
CIELCh	<a href="#">83, 9.246, 167.969</a>
Yxy	<a href="#">62.3459, 0.3028, 0.3397</a>
Android (android.graphics.Color)	<a href="#">4290696395 (0xFFBED4CB)</a>
YUV	<a href="#">204.3960, -0.6882, -12.6253</a>
Hunter-Lab	<a href="#">78.9594, -12.5463, 6.0035</a>

# Details

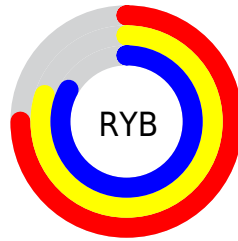
The Yxy color **62.3459, 0.3028, 0.3397** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9811, 0.3238, 0.3185**, and the grayscale version is **60.6659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **31.6022, 0.3006, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **59.4107, 0.2935, 0.3512**, and if you desaturate by 10%, it is **65.7066, 0.3124, 0.3293**.

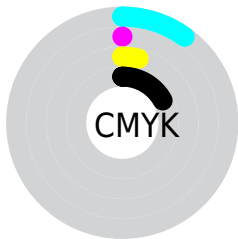
# Distribution



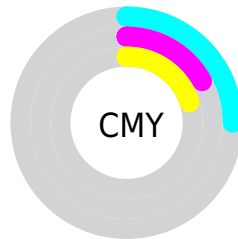
- Red (75%)
- Green (83%)
- Blue (80%)



- Red (75%)
- Yellow (80%)
- Blue (83%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)




- Cyan (25%)
- Magenta (17%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3459, 0.3028, 0.3397 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 62.3459, 0.3028, 0.3397 by changing the saturation by 10% instead.





 62.3459, 0.3028,  
0.3397

 62.3459, 0.3028,  
0.3397


433.1917, 0.3075,  
0.3346

 45.3123, 0.3017,  
0.3409

 108.2253, 0.3045,  
0.3379

 31.7034, 0.3003,  
0.3424


137.8398, 0.3051,  
0.3372

 21.1351, 0.2984,  
0.3444


172.4168, 0.3057,  
0.3366

 13.2228, 0.2960,  
0.3471

212.3406, 0.3061,  
0.3361

 7.5821, 0.2926,  
0.3509

257.9956, 0.3066,  
0.3356

 3.8288, 0.2873,  
0.3567

309.7661, 0.3069,

 1.5782, 0.2784,

0.3352

0.3666

368.0367, 0.3073,  
0.3349

0.3429, 0.1531,  
0.4994

0.0000, 0.0000,  
0.0000

62.3459, 0.3028,  
0.3397

62.3459, 0.3028,  
0.3397

59.4107, 0.2935,  
0.3512

65.7066, 0.3124,  
0.3293

56.8756, 0.2849,  
0.3639

69.5014, 0.3221,  
0.3201


54.7246, 0.2771,  
0.3777


73.7482, 0.3317,  
0.3119


52.9375, 0.2705,  
0.3924


74.4963, 0.3266,  
0.3034


 51.4923, 0.2654,  
0.4078


 75.0181, 0.3205,  
0.2951

 50.3642, 0.2622,  
0.4237

 75.5589, 0.3147,  
0.2871

 49.5252, 0.2609,  
0.4398

 48.9422, 0.2617,  
0.4556

 48.5643, 0.2640,  
0.4705

# Harmonies

## Analogous

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



62.3459, 0.3144, 0.3472



62.3459, 0.3028, 0.3397



62.3459, 0.2940, 0.3292

# Triad

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



62.3459, 0.3028, 0.3397



62.3459, 0.2997, 0.3091



62.3459, 0.3358, 0.3384

# Complementary

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



62.3459, 0.3028, 0.3397



54.9811, 0.3238, 0.3185

# 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.



62.3459, 0.3318, 0.3283



62.3459, 0.3028, 0.3397



62.3459, 0.3107, 0.3117

# Square

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



62.3459, 0.3028, 0.3397



62.3459, 0.2922, 0.3117



62.3459, 0.3225, 0.3187



62.3459, 0.3335, 0.3462



# Rectangle

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



62.3459, 0.3028, 0.3397



62.3459, 0.2908, 0.3222



62.3459, 0.3225, 0.3187



62.3459, 0.3352, 0.3352

# Sweetspot

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



62.3485, 0.3028, 0.3397



98.3777, 0.3098, 0.3320



62.9702, 0.3183, 0.3550



20.9663, 0.3090, 0.3328



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

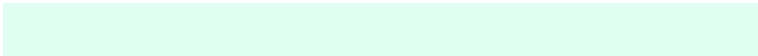


# Same Dimension

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



62.3485, 0.3028, 0.3397



93.8704, 0.3011, 0.3417



61.8812, 0.2969, 0.3268



14.0178, 0.3037, 0.3387



30.0067, 0.2634, 0.4683



1.8261, 0.2560, 0.4416

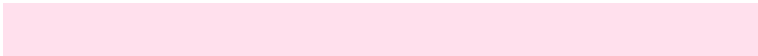


# Inverse Universe

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



54.9811, 0.3238, 0.3185



80.8969, 0.3260, 0.3167



55.3727, 0.3306, 0.3312



12.5043, 0.3228, 0.3195



9.0827, 0.5326, 0.2707

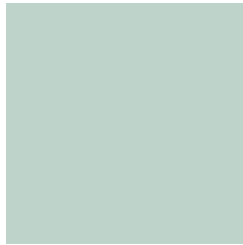


0.5640, 0.4875, 0.2459



# Previews

## White Background



This preview shows how the Yxy color 62.3459, 0.3028, 0.3397 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

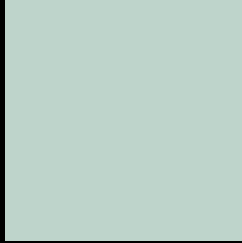
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.3459, 0.3028, 0.3397 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

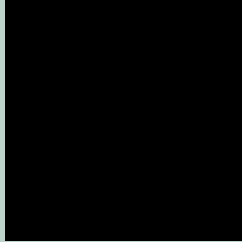
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

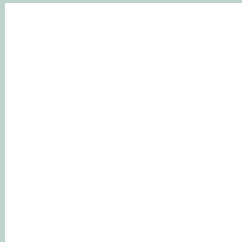
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 62.3459, 0.3028, 0.3397**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.3459, 0.3028, 0.3397.

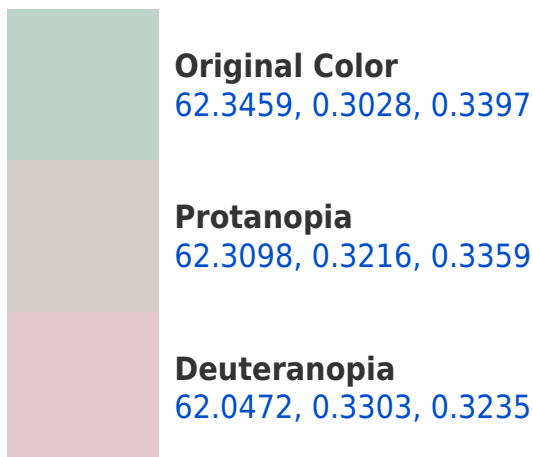


This preview shows how white text looks on a background with the Yxy color 62.3459, 0.3028, 0.3397.

# 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

62.5065, 0.2912, 0.3104

# Trichromacy



## Original Color

62.3459, 0.3028, 0.3397

## Protanomaly

62.1662, 0.3146, 0.3372

## Deuteranomaly

61.8415, 0.3204, 0.3290

## Tritanomaly

62.4404, 0.2957, 0.3208

# Monochromacy



## Original Color

62.3459, 0.3028, 0.3397

## Achromatopsia

60.3827, 0.3127, 0.3290

## Achromatomaly

61.1274, 0.3088, 0.3325

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.3459, 0.3028, 0.3397 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(190, 212, 203)` looks like.

```
.text, #text, p{  
    color:rgb(190, 212, 203)  
}
```

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(190, 212, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 212, 203) }
```

## Border

The CSS property to change the border of an element to Yxy 62.3459, 0.3028, 0.3397 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(190, 212, 203) }
```

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

```
.border{ border-color:rgb(190, 212, 203) }
```

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

Here you see how a box with a 4 pixel rgb(190, 212, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 212, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 212, 203);  
box-shadow:4px 4px 4px 4px rgb(190, 212,  
203) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.3459, 0.3028, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 212, 203) }
```

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

```
.background{ background-color: rgb(190,  
212, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor