

Converting Colors

Yxy(65.5281, 0.3090, 0.3632)

Have a look what the booklet for
Yxy(65.5281, 0.3090, 0.3632)
contains.

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Color

Yxy(65.6394, 0.3090, 0.3639)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | BCDCBF |
| RGB | 188, 220, 191 |
| RGB Percent | 74%, 86%, 75% |
| CMY | 0.2627, 0.1372, 0.2511 |
| CMYK | 0.15, 0.00, 0.13, 0.14 |
| HSL | 126°, 31%, 80% |
| HSV | 126°, 15%, 86% |
| XYZ | 55.7367, 65.6394, 59.0015 |
| YIQ | 207.1260, -9.7630, -15.8030 |

Conversions

Conversions Part 2

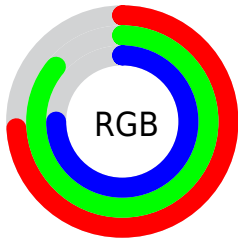
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 188, 217, 220 |
| Decimal | 12377279 |
| CIELab | 84.81, -16.03, 10.76 |
| CIELCh | 85, 19.304, 146.123 |
| Yxy | 65.6394, 0.3090, 0.3639 |
| Android (android.graphics.Color) | 4290567359 (0xFFBCDCBF) |
| YUV | 207.1260, -7.9501, -16.7735 |
| Hunter-Lab | 81.0181, -18.9822, 13.5347 |

Details

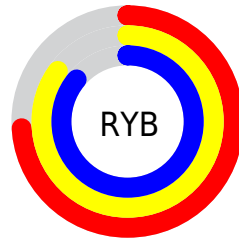
The Yxy color **65.6394, 0.3090, 0.3639** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56.2044, 0.3166, 0.2964**, and the grayscale version is **62.5414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4685, 0.3105, 0.3368**, and **33.8136, 0.3070, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **62.2372, 0.3064, 0.3917**, and if you desaturate by 10%, it is **69.5930, 0.3116, 0.3392**.

Distribution



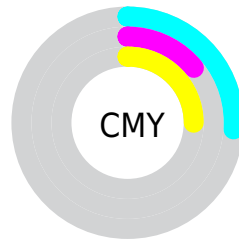
- Red (74%)
- Green (86%)
- Blue (75%)



- Red (74%)
- Yellow (85%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)




- Cyan (26%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6394, 0.3090, 0.3639 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 65.6394, 0.3090, 0.3639 by changing the saturation by 10% instead.


 65.6394, 0.3090,
0.3639

 65.6394, 0.3090,
0.3639

445.0861, 0.3110,
0.3470

 47.9797, 0.3085,
0.3679


 112.9686, 0.3097,
0.3579

 33.8108, 0.3078,
0.3730

143.4070, 0.3100,
0.3556

 22.7483, 0.3069,
0.3796


178.8737, 0.3102,
0.3537

 14.4078, 0.3057,
0.3886

219.7531, 0.3104,
0.3520

 8.4048, 0.3037,
0.4013

266.4297, 0.3106,
0.3505

 4.3551, 0.3004,
0.4210


319.2878, 0.3107,

 1.8741, 0.2940,


0.3492


0.4549


378.7118, 0.3108,
0.3481


 0.5327, 0.1777,
0.8223


 0.0000, 0.0000,
0.0000


 65.6394, 0.3090,
0.3639


 65.6394, 0.3090,
0.3639


 62.2372, 0.3064,
0.3917


 69.5930, 0.3116,
0.3392


 59.3541, 0.3037,
0.4224

 74.1122, 0.3140,
0.3176

 56.9669, 0.3013,
0.4551

 79.2211, 0.3163,
0.2988

 55.0477, 0.2993,
0.4885

 79.6681, 0.3143,
0.2950

■ 53.5655, 0.2978,
0.5209

■ 52.4858, 0.2971,
0.5498

■ 51.7688, 0.2972,
0.5730

■ 51.3662, 0.2981,
0.5890

■ 51.2395, 0.2985,
0.5946

Harmonies

Analogous

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



65.6394, 0.3330, 0.3717



65.6394, 0.3090, 0.3639



65.6394, 0.2867, 0.3455

Triad

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



65.6394, 0.3090, 0.3639



65.6394, 0.2743, 0.2912



65.6394, 0.3556, 0.3327

Complementary

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



65.6394, 0.3090, 0.3639



56.2044, 0.3166, 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.



65.6394, 0.3387, 0.3129



65.6394, 0.3090, 0.3639



65.6394, 0.2915, 0.2894

Square

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



65.6394, 0.3090, 0.3639



65.6394, 0.2671, 0.3030



65.6394, 0.3150, 0.2973



65.6394, 0.3605, 0.3524

Rectangle

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



65.6394, 0.3090, 0.3639



65.6394, 0.2755, 0.3304



65.6394, 0.3150, 0.2973



65.6394, 0.3511, 0.3259

Sweetspot

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



65.6422, 0.3090, 0.3639



97.5343, 0.3117, 0.3380



69.6234, 0.3324, 0.3651



20.7802, 0.3115, 0.3398



0.0000, 0.0000, 0.0000



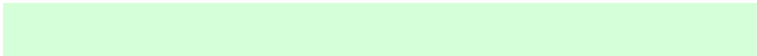
21.4041, 0.3127, 0.3290

Same Dimension

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



65.6422, 0.3090, 0.3639



90.4044, 0.3083, 0.3709



66.3713, 0.2990, 0.3447



14.6256, 0.3103, 0.3509



30.0781, 0.2982, 0.5934



1.9554, 0.2932, 0.5755

Inverse Universe

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



56.2044, 0.3166, 0.2964



75.1377, 0.3174, 0.2904



55.4250, 0.3289, 0.3138



13.2531, 0.3152, 0.3080



11.3791, 0.3454, 0.1676



0.7434, 0.3409, 0.1652

Previews

White Background



This preview shows how the Yxy color 65.6394, 0.3090, 0.3639 looks on a white background.

Color Contrast Check

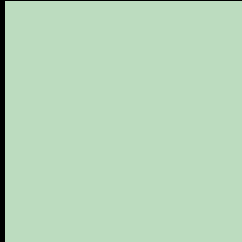
Large Text (above 18pt) WCAG AA × Fail

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 65.6394, 0.3090, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

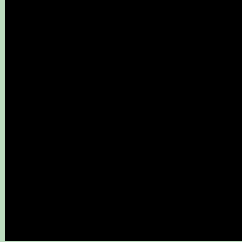
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

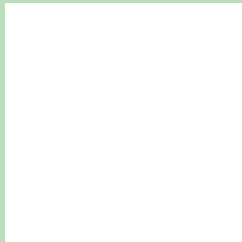
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.6394, 0.3090, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 65.6394, 0.3090, 0.3639.



This preview shows how white text looks on a background with the Yxy color 65.6394, 0.3090, 0.3639.

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



Original Color

65.6394, 0.3090, 0.3639

Protanopia

65.5059, 0.3381, 0.3573

Deuteranopia

65.2579, 0.3469, 0.3399



Tritanopia

65.4648, 0.2884, 0.3096

Trichromacy



Original Color

65.6394, 0.3090, 0.3639

Protanomaly

65.2793, 0.3269, 0.3592

Deuteranomaly

65.1591, 0.3324, 0.3483

Tritanomaly

65.2761, 0.2958, 0.3290

Monochromacy



Original Color

65.6394, 0.3090, 0.3639

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.5834, 0.3114, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6394, 0.3090, 0.3639 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(188, 220, 191)` looks like.

```
.text, #text, p{  
    color:rgb(188, 220, 191)  
}
```

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(188, 220, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 220, 191) }
```

Border

The CSS property to change the border of an element to Yxy 65.6394, 0.3090, 0.3639 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(188, 220, 191) }
```

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

```
.border{ border-color:rgb(188, 220, 191) }
```

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

Here you see how a box with a 4 pixel rgb(188, 220, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 220, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 220, 191);  
box-shadow:4px 4px 4px 4px rgb(188, 220,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6394, 0.3090, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 220, 191) }
```

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

```
.background{ background-color: rgb(188,  
220, 191) }
```

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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