

Converting Colors

Yxy(63.9932, 0.3140, 0.3624)

Have a look what the booklet for
Yxy(63.9932, 0.3140, 0.3624)
contains.

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Color

Yxy(63.9490, 0.3140, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	C0D8BC
RGB	192, 216, 188
RGB Percent	75%, 85%, 74%
CMY	0.2472, 0.1529, 0.2627
CMYK	0.11, 0.00, 0.13, 0.15
HSL	112°, 26%, 79%
HSV	112°, 13%, 85%
XYZ	55.3625, 63.9490, 57.0022
YIQ	205.6320, -5.3160, -13.7960

Conversions

Conversions Part 2

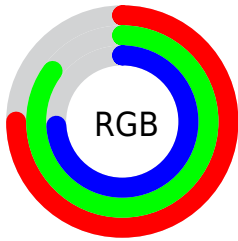
Format	Color
RYB	188, 216, 212
Decimal	12638396
CIELab	83.94, -13.20, 11.12
CIELCh	84, 17.260, 139.899
Yxy	63.9490, 0.3140, 0.3627
Android (android.graphics.Color)	4290828476 (0xFFC0D8BC)
YUV	205.6320, -8.6926, -11.9553
Hunter-Lab	79.9681, -16.3673, 13.7151

Details

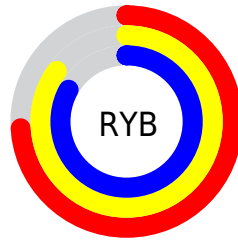
The Yxy color **63.9490, 0.3140, 0.3627** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.9321, 0.3110, 0.2969**, and the grayscale version is **61.5300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1914, 0.3153, 0.3397**, and **32.6423, 0.3136, 0.3709** is the 20% darker color. If you saturate the color by 10%, you get **60.8183, 0.3147, 0.3922**, and if you desaturate by 10%, it is **67.5299, 0.3130, 0.3363**.

Distribution



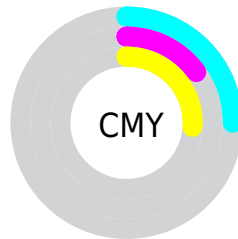
- Red (75%)
- Green (85%)
- Blue (74%)



- Red (74%)
- Yellow (85%)
- Blue (83%)



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9490, 0.3140, 0.3627 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 63.9490, 0.3140, 0.3627 by changing the saturation by 10% instead.


 63.9490, 0.3140,
0.3627

 63.9490, 0.3140,
0.3627


439.0054, 0.3136,
0.3464

 46.6094, 0.3141,
0.3666


 110.5375, 0.3139,
0.3569

 32.7270, 0.3141,
0.3716


140.5551, 0.3138,
0.3547

 21.9174, 0.3141,
0.3780


175.5676, 0.3138,
0.3528

 13.7962, 0.3140,
0.3867

215.9592, 0.3137,
0.3512

 7.9790, 0.3138,
0.3992

262.1144, 0.3137,
0.3497

 4.0815, 0.3130,
0.4184

314.4176, 0.3136,

 1.7193, 0.3107,

0.3485

0.4519

373.2531, 0.3136,
0.3474

0.4361, 0.1745,
0.8255

0.0000, 0.0000,
0.0000

63.9490, 0.3140,
0.3627

63.9490, 0.3140,
0.3627

60.8183, 0.3147,
0.3922

67.5299, 0.3130,
0.3363

58.1120, 0.3151,
0.4245

71.5694, 0.3119,
0.3129

55.8143, 0.3151,
0.4586

76.0857, 0.3108,
0.2925

53.9051, 0.3144,
0.4930

77.6002, 0.3145,
0.2911

■ 52.3627, 0.3130,
0.5258

■ 51.1631, 0.3110,
0.5544

■ 50.2793, 0.3083,
0.5767

■ 49.6804, 0.3054,
0.5911

■ 49.4036, 0.3035,
0.5972

Harmonies

Analogous

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



63.9490, 0.3352, 0.3675



63.9490, 0.3140, 0.3627



63.9490, 0.2930, 0.3478

Triad

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



63.9490, 0.3140, 0.3627



63.9490, 0.2758, 0.2964



63.9490, 0.3490, 0.3286

Complementary

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



63.9490, 0.3140, 0.3627



54.9321, 0.3110, 0.2969

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.



63.9490, 0.3321, 0.3111



63.9490, 0.3140, 0.3627



63.9490, 0.2898, 0.2927

Square

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



63.9490, 0.3140, 0.3627



63.9490, 0.2714, 0.3089



63.9490, 0.3102, 0.2981



63.9490, 0.3558, 0.3468

Rectangle

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



63.9490, 0.3140, 0.3627



63.9490, 0.2819, 0.3346



63.9490, 0.3102, 0.2981



63.9490, 0.3442, 0.3225

Sweetspot

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



63.9517, 0.3140, 0.3627



97.7365, 0.3131, 0.3389



65.2265, 0.3326, 0.3563



20.8311, 0.3132, 0.3409



0.0000, 0.0000, 0.0000



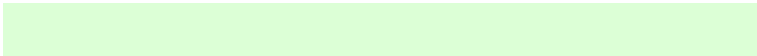
21.4041, 0.3127, 0.3290

Same Dimension

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



63.9517, 0.3140, 0.3627



91.5944, 0.3143, 0.3718



63.8800, 0.3047, 0.3509



13.9792, 0.3137, 0.3529



29.2648, 0.3041, 0.5967



1.7928, 0.3134, 0.5894

Inverse Universe

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



54.9321, 0.3110, 0.2969



75.5986, 0.3105, 0.2887



55.0350, 0.3217, 0.3081



12.5397, 0.3116, 0.3059



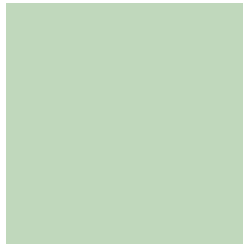
9.1133, 0.2857, 0.1348



0.5746, 0.2922, 0.1383

Previews

White Background



This preview shows how the Yxy color 63.9490, 0.3140, 0.3627 looks on a white background.

Color Contrast Check

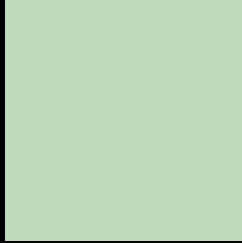
Large Text (above 18pt) WCAG AA × Fail

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 63.9490, 0.3140, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

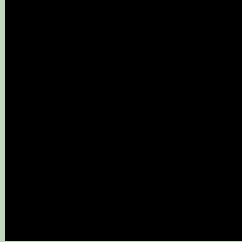
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

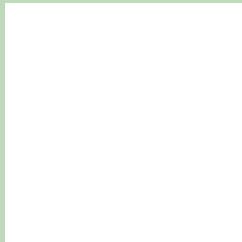
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9490, 0.3140, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 63.9490, 0.3140, 0.3627.

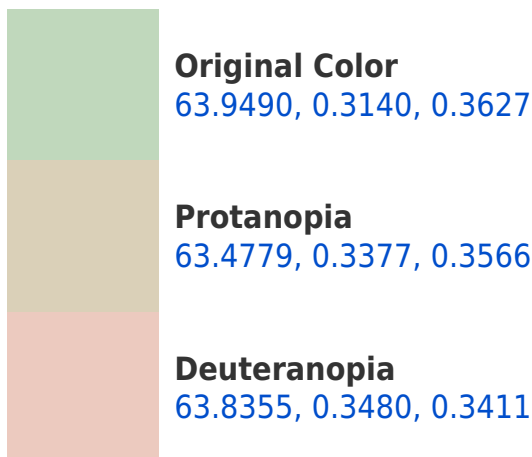


This preview shows how white text looks on a background with the Yxy color 63.9490, 0.3140, 0.3627.

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

63.6450, 0.2928, 0.3095

Trichromacy



Original Color

63.9490, 0.3140, 0.3627

Protanomaly

63.6466, 0.3294, 0.3594

Deuteranomaly

63.5590, 0.3350, 0.3484

Tritanomaly

63.6268, 0.3005, 0.3278

Monochromacy



Original Color

63.9490, 0.3140, 0.3627

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.6342, 0.3136, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9490, 0.3140, 0.3627 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(192, 216, 188)` looks like.

```
.text, #text, p{  
    color:rgb(192, 216, 188)  
}
```

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(192, 216, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 216, 188) }
```

Border

The CSS property to change the border of an element to Yxy 63.9490, 0.3140, 0.3627 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(192, 216, 188) }
```

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

```
.border{ border-color:rgb(192, 216, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 216, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 216, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 216, 188);  
box-shadow:4px 4px 4px 4px rgb(192, 216,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9490, 0.3140, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 216, 188) }
```

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

```
.background{ background-color: rgb(192,  
216, 188) }
```

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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