

Converting Colors

$Yxy(62.6022, 0.3265, 0.3616)$

Have a look what the booklet for
Yxy(62.6022, 0.3265, 0.3616)
contains.

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Color

Yxy(62.7039, 0.3262, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	CBD3B7
RGB	203, 211, 183
RGB Percent	80%, 83%, 72%
CMY	0.2039, 0.1725, 0.2822
CMYK	0.04, 0.00, 0.13, 0.17
HSL	77°, 24%, 77%
HSV	77°, 13%, 83%
XYZ	56.4716, 62.7039, 53.9441
YIQ	205.4160, 4.2200, -10.4040

Conversions

Conversions Part 2

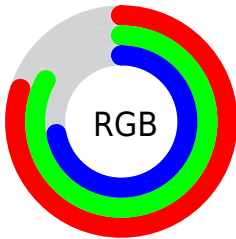
Format	Color
RYB	183, 211, 191
Decimal	13358007
CIELab	83.29, -7.62, 12.93
CIELCh	83, 15.006, 120.511
Yxy	62.7039, 0.3262, 0.3622
Android (android.graphics.Color)	4291548087 (0xFFCBD3B7)
YUV	205.4160, -11.0511, -2.1188
Hunter-Lab	79.1858, -11.2773, 15.0397

Details

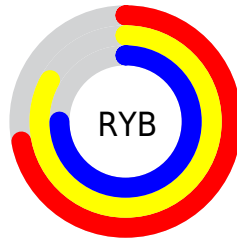
The Yxy color **62.7039, 0.3262, 0.3622** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.6663, 0.2980, 0.2949**, and the grayscale version is **61.4011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **32.1152, 0.3296, 0.3716** is the 20% darker color. If you saturate the color by 10%, you get **61.0608, 0.3364, 0.3888**, and if you desaturate by 10%, it is **64.5173, 0.3160, 0.3369**.

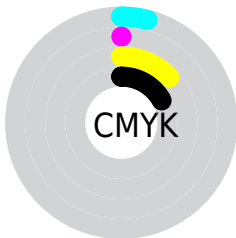
Distribution



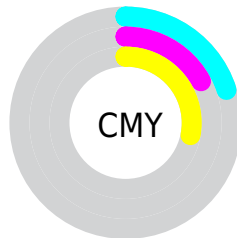
- Red (80%)
- Green (83%)
- Blue (72%)



- Red (72%)
- Yellow (83%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (13%)
- Black (17%)





- Cyan (20%)
- Magenta (17%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7039, 0.3262, 0.3622 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 62.7039, 0.3262, 0.3622 by changing the saturation by 10% instead.


 62.7039, 0.3262,
0.3622

 62.7039, 0.3262,
0.3622


434.4941, 0.3199,
0.3462

 45.6017, 0.3276,
0.3660


 108.7422, 0.3240,
0.3565

 31.9316, 0.3294,
0.3708


138.4471, 0.3232,
0.3543

 21.3093, 0.3317,
0.3771


173.1217, 0.3224,
0.3525

 13.3503, 0.3346,
0.3855

213.1505, 0.3218,
0.3509

 7.6702, 0.3386,
0.3975

258.9176, 0.3212,
0.3495

 3.8846, 0.3443,
0.4159

310.8077, 0.3207,

 1.6092, 0.3549,

0.3483

0.4500

369.2051, 0.3203,
0.3472

0.3638, 0.3052,
0.6948

0.0000, 0.0000,
0.0000

62.7039, 0.3262,
0.3622

62.7039, 0.3262,
0.3622

61.0608, 0.3364,
0.3888

64.5173, 0.3160,
0.3369

59.5735, 0.3462,
0.4162


66.4986, 0.3060,
0.3133


58.2381, 0.3551,
0.4434

68.6560, 0.2965,
0.2915


57.0475, 0.3627,
0.4694


70.1678, 0.2952,
0.2835

 55.9937, 0.3685,
0.4931

 71.1686, 0.2994,
0.2840


 55.0679, 0.3719,
0.5132


 72.2041, 0.3036,
0.2846

 54.2600, 0.3728,
0.5290

 73.2749, 0.3078,
0.2852

 53.5578, 0.3712,
0.5399

 74.3811, 0.3121,
0.2857

 53.1302, 0.3691,
0.5451

 75.0705, 0.3147,
0.2861

Harmonies

Analogous

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



62.7039, 0.3420, 0.3602



62.7039, 0.3262, 0.3622



62.7039, 0.3071, 0.3546

Triad

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



62.7039, 0.3262, 0.3622



62.7039, 0.2767, 0.3068



62.7039, 0.3356, 0.3184

Complementary

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



62.7039, 0.3262, 0.3622



49.6663, 0.2980, 0.2949

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.



62.7039, 0.3175, 0.3052



62.7039, 0.3262, 0.3622



62.7039, 0.2838, 0.2983

Square

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



62.7039, 0.3262, 0.3622



62.7039, 0.2790, 0.3218



62.7039, 0.2985, 0.2979



62.7039, 0.3477, 0.3346

Rectangle

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



62.7039, 0.3262, 0.3622



62.7039, 0.2952, 0.3451



62.7039, 0.2985, 0.2979



62.7039, 0.3300, 0.3136

Sweetspot

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



62.7066, 0.3262, 0.3622



98.8106, 0.3168, 0.3388



54.5134, 0.3355, 0.3385



21.1027, 0.3176, 0.3407



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.



62.7066, 0.3262, 0.3622



95.4965, 0.3292, 0.3699



60.8417, 0.3156, 0.3633



13.6205, 0.3223, 0.3523



32.1170, 0.3699, 0.5445



1.8350, 0.3793, 0.5370

Inverse Universe

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



49.6663, 0.2980, 0.2949



71.5642, 0.2944, 0.2867



51.5555, 0.3093, 0.2960



11.5793, 0.3026, 0.3053



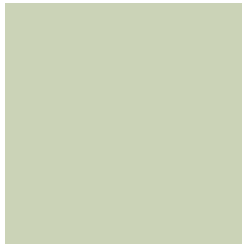
3.4714, 0.1691, 0.0705



0.2346, 0.1892, 0.0816

Previews

White Background



This preview shows how the Yxy color 62.7039, 0.3262, 0.3622 looks on a white background.

Color Contrast Check

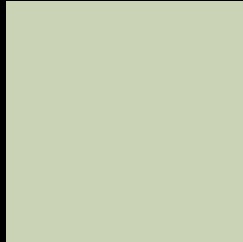
Large Text (above 18pt) WCAG AA × Fail

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 62.7039, 0.3262, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

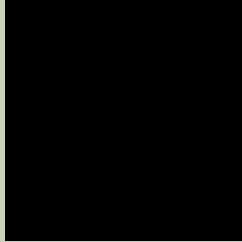
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

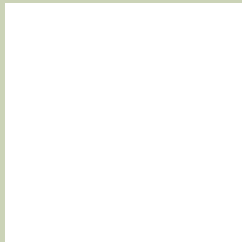
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7039, 0.3262, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 62.7039, 0.3262, 0.3622.



This preview shows how white text looks on a background with the Yxy color 62.7039, 0.3262, 0.3622.

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

62.7039, 0.3262, 0.3622

Protanopia

62.7136, 0.3393, 0.3590

Deuteranopia

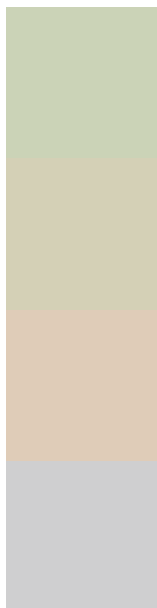
62.4735, 0.3523, 0.3456



Tritanopia

62.4919, 0.3039, 0.3098

Trichromacy



Original Color

62.7039, 0.3262, 0.3622

Protanomaly

62.4862, 0.3344, 0.3593

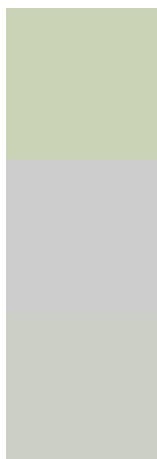
Deuteranomaly

62.3344, 0.3424, 0.3518

Tritanomaly

62.4451, 0.3120, 0.3278

Monochromacy



Original Color

62.7039, 0.3262, 0.3622

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.4942, 0.3175, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7039, 0.3262, 0.3622 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(203, 211, 183)` looks like.

```
.text, #text, p{  
    color:rgb(203, 211, 183)  
}
```

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(203, 211, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 211, 183) }
```

Border

The CSS property to change the border of an element to Yxy 62.7039, 0.3262, 0.3622 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(203, 211, 183) }
```

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

```
.border{ border-color:rgb(203, 211, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 211, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 211, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 211, 183);  
box-shadow:4px 4px 4px 4px rgb(203, 211,  
183) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 62.7039, 0.3262, 0.3622$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 211, 183) }
```

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

```
.background{ background-color: rgb(203,  
211, 183) }
```

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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