

Converting Colors

Yxy(63.0186, 0.3250, 0.3616)

Have a look what the booklet for
Yxy(63.0186, 0.3250, 0.3616)
contains.

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Color

Yxy(63.2442, 0.3254, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	CBD4B8
RGB	203, 212, 184
RGB Percent	80%, 83%, 72%
CMY	0.2040, 0.1686, 0.2785
CMYK	0.04, 0.00, 0.13, 0.17
HSL	79°, 25%, 78%
HSV	79°, 13%, 83%
XYZ	56.8185, 63.2442, 54.5486
YIQ	206.1170, 3.6240, -10.6160

Conversions

Conversions Part 2

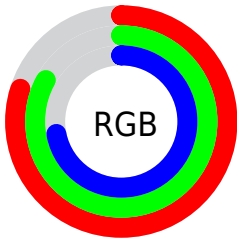
Format	Color
RYB	184, 212, 193
Decimal	13358264
CIELab	83.57, -7.99, 12.83
CIELCh	84, 15.112, 121.899
Yxy	63.2442, 0.3254, 0.3622
Android (android.graphics.Color)	4291548344 (0xFFCBD4B8)
YUV	206.1170, -10.9037, -2.7336
Hunter-Lab	79.5262, -11.6393, 15.0002

Details

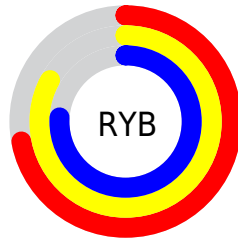
The Yxy color **63.2442, 0.3254, 0.3622** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.3657, 0.2988, 0.2950**, and the grayscale version is **61.8688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **32.1422, 0.3287, 0.3700** is the 20% darker color. If you saturate the color by 10%, you get **61.4859, 0.3350, 0.3890**, and if you desaturate by 10%, it is **65.1835, 0.3158, 0.3368**.

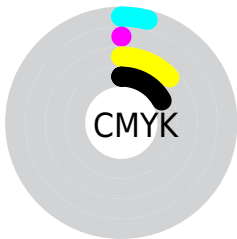
Distribution



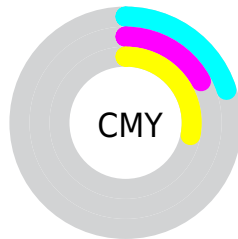
- Red (80%)
- Green (83%)
- Blue (72%)



- Red (72%)
- Yellow (83%)
- Blue (76%)



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.2442, 0.3254, 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 63.2442, 0.3254, 0.3622 by changing the saturation by 10% instead.


 63.2442, 0.3254,
0.3622

 63.2442, 0.3254,
0.3622

436.4552, 0.3195,
0.3462

 46.0388, 0.3267,
0.3660


 109.5217, 0.3234,
0.3565

 32.2764, 0.3284,
0.3708


139.3627, 0.3226,
0.3543

 21.5727, 0.3305,
0.3771

174.1842, 0.3219,
0.3525

 13.5433, 0.3333,
0.3855

214.3708, 0.3213,
0.3509

 7.8037, 0.3369,
0.3974

260.3068, 0.3208,
0.3495

 3.9696, 0.3421,
0.4156

312.3766, 0.3203,

 1.6566, 0.3512,

0.3483

0.4487

370.9646, 0.3199,
0.3472

0.3953, 0.3138,
0.6862

0.0000, 0.0000,
0.0000

63.2442, 0.3254,
0.3622

63.2442, 0.3254,
0.3622

61.4859, 0.3350,
0.3890

65.1835, 0.3158,
0.3368

59.8938, 0.3441,
0.4167

67.3017, 0.3064,
0.3132

58.4639, 0.3524,
0.4444

69.6071, 0.2974,
0.2915

57.1886, 0.3594,
0.4710

71.1853, 0.2974,
0.2848

■ 56.0599, 0.3645,
0.4954

■ 72.3393, 0.3021,
0.2854

■ 55.0686, 0.3674,
0.5163

■ 73.5380, 0.3069,
0.2861

■ 54.2043, 0.3677,
0.5328

■ 74.7821, 0.3117,
0.2867

■ 53.4546, 0.3656,
0.5443

■ 75.5729, 0.3147,
0.2871

■ 52.9975, 0.3631,
0.5499

Harmonies

Analogous

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



63.2442, 0.3415, 0.3606



63.2442, 0.3254, 0.3622



63.2442, 0.3062, 0.3542

Triad

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



63.2442, 0.3254, 0.3622



63.2442, 0.2767, 0.3061



63.2442, 0.3365, 0.3191

Complementary

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



63.2442, 0.3254, 0.3622



50.3657, 0.2988, 0.2950

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.



63.2442, 0.3184, 0.3056



63.2442, 0.3254, 0.3622



63.2442, 0.2842, 0.2980

Square

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



63.2442, 0.3254, 0.3622



63.2442, 0.2785, 0.3210



63.2442, 0.2993, 0.2980



63.2442, 0.3482, 0.3353

Rectangle

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



63.2442, 0.3254, 0.3622



63.2442, 0.2943, 0.3444



63.2442, 0.2993, 0.2980



63.2442, 0.3309, 0.3141

Sweetspot

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



63.2470, 0.3254, 0.3622



98.7426, 0.3166, 0.3388



55.5355, 0.3353, 0.3396



21.0854, 0.3173, 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.



63.2470, 0.3254, 0.3622



95.2375, 0.3282, 0.3700



61.3869, 0.3149, 0.3633



14.3102, 0.3217, 0.3524



32.7699, 0.3639, 0.5492



2.0202, 0.3737, 0.5415

Inverse Universe

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



50.3657, 0.2988, 0.2950



71.8009, 0.2954, 0.2869



52.2741, 0.3100, 0.2962



12.2009, 0.3031, 0.3052



3.7476, 0.1735, 0.0730



0.2701, 0.1928, 0.0836

Previews

White Background



This preview shows how the Yxy color 63.2442, 0.3254, 0.3622 looks on a white background.

Color Contrast Check

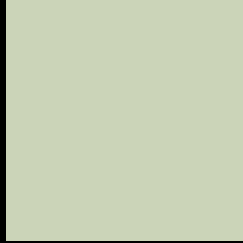
Large Text (above 18pt) WCAG AA × Fail

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 63.2442, 0.3254, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

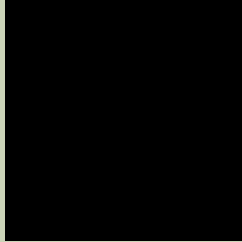
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

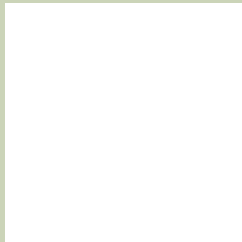
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2442, 0.3254, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 63.2442, 0.3254, 0.3622.



This preview shows how white text looks on a background with the Yxy color 63.2442, 0.3254, 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

63.2442, 0.3254, 0.3622

Protanopia

63.3946, 0.3392, 0.3589

Deuteranopia

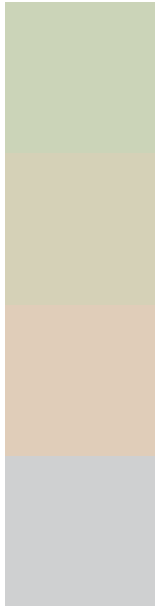
63.1513, 0.3521, 0.3456



Tritanopia

63.0256, 0.3032, 0.3098

Trichromacy



Original Color

63.2442, 0.3254, 0.3622

Protanomaly

63.1660, 0.3343, 0.3592

Deuteranomaly

63.0127, 0.3423, 0.3517

Tritanomaly

62.9806, 0.3113, 0.3278

Monochromacy



Original Color

63.2442, 0.3254, 0.3622

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.1681, 0.3175, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2442, 0.3254, 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, 212, 184)` looks like.

```
.text, #text, p{  
    color:rgb(203, 212, 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(203, 212, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 212, 184) }
```

Border

The CSS property to change the border of an element to Yxy 63.2442, 0.3254, 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, 212, 184) }
```

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

```
.border{ border-color:rgb(203, 212, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 212, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 212, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 212, 184);  
box-shadow:4px 4px 4px 4px rgb(203, 212,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2442, 0.3254, 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, 212, 184) }
```

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

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