

Converting Colors

Yxy(62.6810, 0.3157, 0.3443)

Have a look what the booklet for
Yxy(62.6810, 0.3157, 0.3443)
contains.

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Color

Yxy(62.6810, 0.3157, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	CAD2C5
RGB	202, 210, 197
RGB Percent	79%, 82%, 77%
CMY	0.2080, 0.1764, 0.2274
CMYK	0.04, 0.00, 0.06, 0.18
HSL	97°, 13%, 80%
HSV	97°, 6%, 82%
XYZ	57.4743, 62.6810, 61.8982
YIQ	206.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

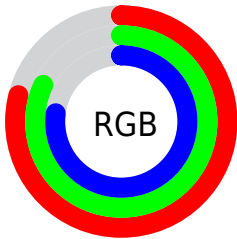
Format	Color
RYB	197, 210, 205
Decimal	13292229
CIELab	83.27, -5.09, 5.48
CIELCh	83, 7.483, 132.890
Yxy	62.6810, 0.3157, 0.3443
Android (android.graphics.Color)	4291482309 (0xFFCAD2C5)
YUV	206.1260, -4.4991, -3.6185
Hunter-Lab	79.1713, -8.9681, 9.0655

Details

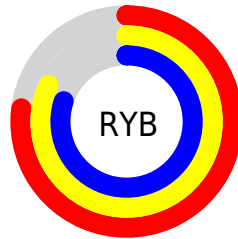
The Yxy color **62.6810, 0.3157, 0.3443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5799, 0.3096, 0.3138**, and the grayscale version is **61.8341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **32.0560, 0.3167, 0.3494** is the 20% darker color. If you saturate the color by 10%, you get **60.0485, 0.3204, 0.3710**, and if you desaturate by 10%, it is **65.6061, 0.3109, 0.3201**.

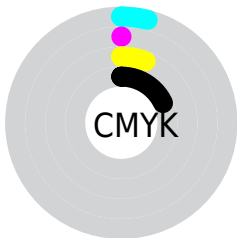
Distribution



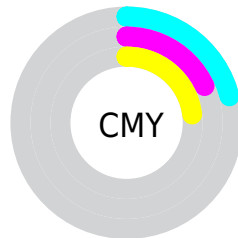
- Red (79%)
- Green (82%)
- Blue (77%)



- Red (77%)
- Yellow (82%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6810, 0.3157, 0.3443 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 62.6810, 0.3157, 0.3443 by changing the saturation by 10% instead.

■ 62.6810, 0.3157,
0.3443

■ 62.6810, 0.3157,
0.3443

434.4108, 0.3143,
0.3370

■ 45.5832, 0.3160,
0.3460

108.7092, 0.3152,
0.3417

■ 31.9170, 0.3164,
0.3482

138.4083, 0.3150,
0.3407

■ 21.2981, 0.3169,
0.3511

173.0767, 0.3149,
0.3399

■ 13.3421, 0.3176,
0.3549

213.0987, 0.3147,
0.3391

■ 7.6645, 0.3185,
0.3604

258.8587, 0.3146,
0.3385

■ 3.8811, 0.3197,
0.3687

310.7411, 0.3145,

■ 1.6073, 0.3217,

0.3379

0.3830

369.1304, 0.3144,
0.3374

0.3625, 0.3707,
0.6102

0.0000, 0.0000,
0.0000

62.6810, 0.3157,
0.3443

62.6810, 0.3157,
0.3443

60.0485, 0.3204,
0.3710

65.6061, 0.3109,
0.3201

57.6911, 0.3249,
0.4000

68.8244, 0.3061,
0.2984

55.6017, 0.3288,
0.4307

72.0198, 0.3048,
0.2837

53.7700, 0.3318,
0.4622

74.3915, 0.3141,
0.2850

■ 52.1848, 0.3335,
0.4932

■ 74.5811, 0.3148,
0.2851

■ 50.8338, 0.3336,
0.5220

■ 49.7039, 0.3319,
0.5468

■ 48.7800, 0.3284,
0.5661

■ 48.0440, 0.3234,
0.5791

Harmonies

Analogous

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



62.6810, 0.3245, 0.3454



62.6810, 0.3157, 0.3443



62.6810, 0.3062, 0.3389

Triad

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



62.6810, 0.3157, 0.3443



62.6810, 0.2955, 0.3158



62.6810, 0.3271, 0.3271

Complementary

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



62.6810, 0.3157, 0.3443



57.5799, 0.3096, 0.3138

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.



62.6810, 0.3191, 0.3195



62.6810, 0.3157, 0.3443



62.6810, 0.3009, 0.3129

Square

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



62.6810, 0.3157, 0.3443



62.6810, 0.2946, 0.3222



62.6810, 0.3095, 0.3143



62.6810, 0.3311, 0.3353

Rectangle

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



62.6810, 0.3157, 0.3443



62.6810, 0.3008, 0.3336



62.6810, 0.3095, 0.3143



62.6810, 0.3248, 0.3244

Sweetspot

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



62.6837, 0.3157, 0.3443



99.0816, 0.3137, 0.3339



61.4129, 0.3223, 0.3383



21.2172, 0.3136, 0.3336



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.



62.6837, 0.3157, 0.3443



96.8661, 0.3161, 0.3466



62.0744, 0.3109, 0.3426



13.5332, 0.3163, 0.3477



29.2077, 0.3224, 0.5822



1.6781, 0.3372, 0.5705

Inverse Universe

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



57.5799, 0.3096, 0.3138



87.8696, 0.3091, 0.3116



58.2199, 0.3145, 0.3157



12.1984, 0.3088, 0.3105



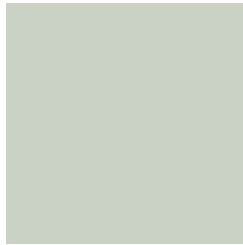
5.7966, 0.2281, 0.1030



0.3689, 0.2451, 0.1124

Previews

White Background



This preview shows how the Yxy color 62.6810, 0.3157, 0.3443 looks on a white background.

Color Contrast Check

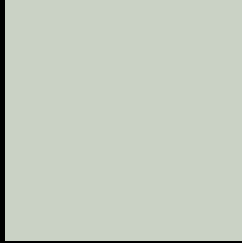
Large Text (above 18pt) WCAG AA × Fail

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 62.6810, 0.3157, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

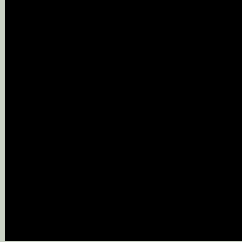
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

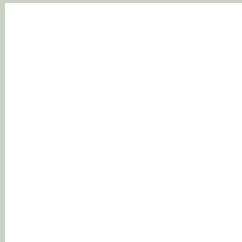
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6810, 0.3157, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 62.6810, 0.3157, 0.3443.

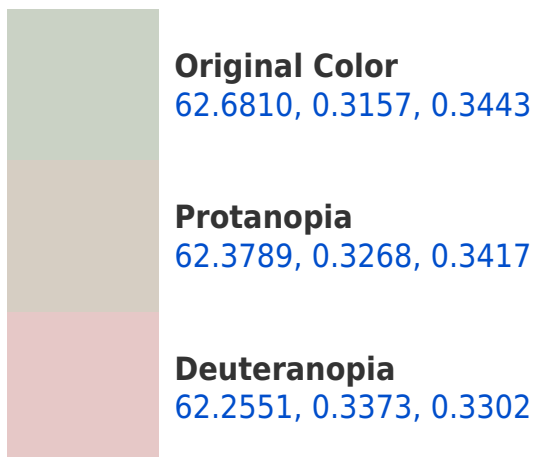


This preview shows how white text looks on a background with the Yxy color 62.6810, 0.3157, 0.3443.

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

62.5921, 0.3010, 0.3097

Trichromacy



Original Color

62.6810, 0.3157, 0.3443

Protanomaly

62.3128, 0.3228, 0.3418

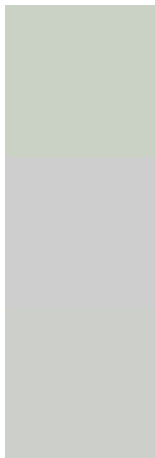
Deuteranomaly

62.4786, 0.3295, 0.3358

Tritanomaly

62.4598, 0.3064, 0.3209

Monochromacy



Original Color

62.6810, 0.3157, 0.3443

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.9166, 0.3140, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6810, 0.3157, 0.3443 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(202, 210, 197)` looks like.

```
.text, #text, p{  
    color:rgb(202, 210, 197)  
}
```

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(202, 210, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 210, 197) }
```

Border

The CSS property to change the border of an element to Yxy 62.6810, 0.3157, 0.3443 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(202, 210, 197) }
```

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

```
.border{ border-color:rgb(202, 210, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 210, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 210, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 210, 197);  
box-shadow:4px 4px 4px 4px rgb(202, 210,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6810, 0.3157, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 210, 197) }
```

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

```
.background{ background-color: rgb(202,  
210, 197) }
```

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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