

Converting Colors

Yxy(63.7619, 0.3238, 0.3442)

Have a look what the booklet for
Yxy(63.7619, 0.3238, 0.3442)
contains.

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Color

Yxy(63.5835, 0.3242, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	D4D1C4
RGB	212, 209, 196
RGB Percent	83%, 82%, 77%
CMY	0.1684, 0.1804, 0.2314
CMYK	0.00, 0.01, 0.08, 0.17
HSL	49°, 16%, 80%
HSV	49°, 8%, 83%
XYZ	59.9238, 63.5835, 61.3285
YIQ	208.4150, 5.9610, -3.4070

Conversions

Conversions Part 2

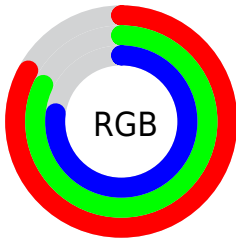
Format	Color
R _Y B	200, 212, 196
Decimal	13947332
CIE Lab	83.75, -1.21, 6.81
CIE LCh	84, 6.918, 100.107
Yxy	63.5835, 0.3242, 0.3440
Android (android.graphics.Color)	4292137412 (0xFFD4D1C4)
YUV	208.4150, -6.1206, 3.1440
Hunter-Lab	79.7393, -5.4016, 10.2168

Details

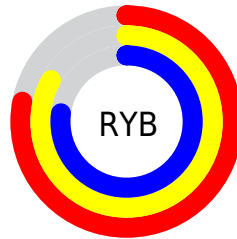
The Yxy color **63.5835, 0.3242, 0.3440** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3534, 0.3011, 0.3135**, and the grayscale version is **63.4022, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **32.5638, 0.3268, 0.3489** is the 20% darker color. If you saturate the color by 10%, you get **60.7350, 0.3403, 0.3645**, and if you desaturate by 10%, it is **66.6241, 0.3092, 0.3243**.

Distribution



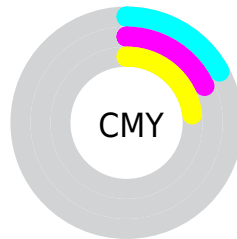
- Red (83%)
- Green (82%)
- Blue (77%)



- Red (78%)
- Yellow (83%)
- Blue (77%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (17%)



- Cyan (17%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.5835, 0.3242, 0.3440 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 63.5835, 0.3242, 0.3440 by changing the saturation by 10% instead.

■ 63.5835, 0.3242,
0.3440

■ 63.5835, 0.3242,
0.3440

437.6840, 0.3188,
0.3369

■ 46.3134, 0.3255,
0.3457

110.0109, 0.3223,
0.3415

■ 32.4932, 0.3271,
0.3478

139.9370, 0.3216,
0.3405

■ 21.7385, 0.3291,
0.3505

174.8505, 0.3209,
0.3397

■ 13.6649, 0.3318,
0.3541

215.1360, 0.3204,
0.3390

■ 7.8880, 0.3356,
0.3592

261.1776, 0.3199,
0.3384

■ 4.0233, 0.3413,
0.3669

313.3599, 0.3195,

■ 1.6866, 0.3507,

0.3378

0.3797

372.0673, 0.3191,
0.3373

0.4150, 0.4678,
0.5322

0.0000, 0.0000,
0.0000

63.5835, 0.3242,
0.3440

63.5835, 0.3242,
0.3440

60.7350, 0.3403,
0.3645

66.6241, 0.3092,
0.3243

58.0642, 0.3573,
0.3854

69.8541, 0.2954,
0.3058

55.5674, 0.3749,
0.4060

72.9821, 0.2855,
0.2931

53.2377, 0.3924,
0.4256

75.1374, 0.2857,
0.2974

51.0674, 0.4092,
0.4430

77.3441, 0.2859,
0.3018

49.0483, 0.4246,
0.4573

79.6027, 0.2861,
0.3061

47.1709, 0.4379,
0.4677

81.9134, 0.2863,
0.3104

45.4243, 0.4484,
0.4734

84.2766, 0.2865,
0.3146

43.7934, 0.4561,
0.4747

86.6926, 0.2867,
0.3189

Harmonies

Analogous

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



63.5835, 0.3291, 0.3406



63.5835, 0.3242, 0.3440



63.5835, 0.3163, 0.3433

Triad

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



63.5835, 0.3242, 0.3440



63.5835, 0.2962, 0.3235



63.5835, 0.3178, 0.3197

Complementary

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



63.5835, 0.3242, 0.3440



57.3534, 0.3011, 0.3135

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.



63.5835, 0.3090, 0.3152



63.5835, 0.3242, 0.3440



63.5835, 0.2966, 0.3173

Square

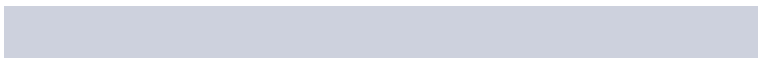
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.5835, 0.3242, 0.3440



63.5835, 0.3002, 0.3313



63.5835, 0.3012, 0.3143



63.5835, 0.3254, 0.3266

Rectangle

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



63.5835, 0.3242, 0.3440



63.5835, 0.3104, 0.3406



63.5835, 0.3012, 0.3143



63.5835, 0.3149, 0.3178

Sweetspot

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



63.5863, 0.3242, 0.3440



99.0589, 0.3157, 0.3329



57.6092, 0.3232, 0.3253



21.2126, 0.3156, 0.3328



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.



63.5863, 0.3242, 0.3440



95.8571, 0.3266, 0.3471



64.3932, 0.3202, 0.3477



14.0999, 0.3271, 0.3478



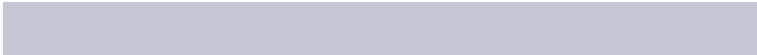
26.9252, 0.4572, 0.4752



1.7297, 0.4495, 0.4813

Inverse Universe

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



57.3534, 0.3011, 0.3135



84.6130, 0.2987, 0.3103



56.6185, 0.3048, 0.3101



12.3869, 0.2982, 0.3095



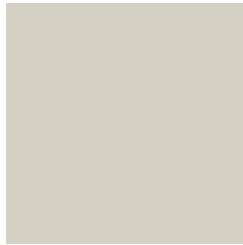
3.9935, 0.1552, 0.0788



0.3559, 0.1638, 0.1096

Previews

White Background



This preview shows how the Yxy color 63.5835, 0.3242, 0.3440 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 63.5835, 0.3242, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

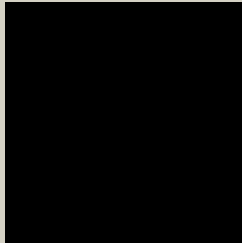
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

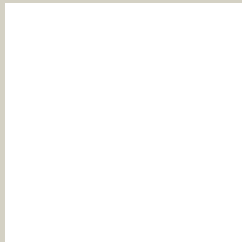
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.5835, 0.3242, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 63.5835, 0.3242, 0.3440.



This preview shows how white text looks on a background with the Yxy color 63.5835, 0.3242, 0.3440.

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

63.5835, 0.3242, 0.3440

Protanopia

63.6508, 0.3281, 0.3439

Deuteranopia

63.5959, 0.3409, 0.3346



Tritanopia

63.4820, 0.3098, 0.3112

Trichromacy



Original Color

63.5835, 0.3242, 0.3440

Protanomaly

63.4990, 0.3273, 0.3439

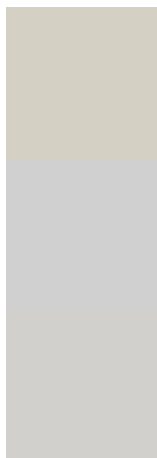
Deuteranomaly

63.7014, 0.3341, 0.3380

Tritanomaly

63.3432, 0.3153, 0.3222

Monochromacy



Original Color

63.5835, 0.3242, 0.3440

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.0267, 0.3163, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5835, 0.3242, 0.3440 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(212, 209, 196)` looks like.

```
.text, #text, p{  
    color:rgb(212, 209, 196)  
}
```

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(212, 209, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 209, 196) }
```

Border

The CSS property to change the border of an element to Yxy 63.5835, 0.3242, 0.3440 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(212, 209, 196) }
```

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

```
.border{ border-color:rgb(212, 209, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 209, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 209, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 209, 196);  
box-shadow:4px 4px 4px 4px rgb(212, 209,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5835, 0.3242, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 209, 196) }
```

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

```
.background{ background-color: rgb(212,  
209, 196) }
```

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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