

Converting Colors

$Yxy(63.8515, 0.3213, 0.3540)$

Have a look what the booklet for
Yxy(63.8515, 0.3213, 0.3540)
contains.

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Color

Yxy(63.6859, 0.3213, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	CCD4BF
RGB	204, 212, 191
RGB Percent	80%, 83%, 75%
CMY	0.1999, 0.1686, 0.2511
CMYK	0.04, 0.00, 0.10, 0.17
HSL	83°, 20%, 79%
HSV	83°, 10%, 83%
XYZ	57.8521, 63.6859, 58.5183
YIQ	207.2140, 1.9730, -8.2270

Conversions

Conversions Part 2

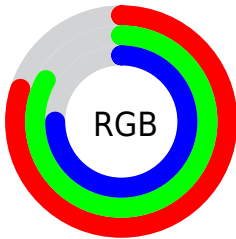
Format	Color
RYB	191, 212, 199
Decimal	13423807
CIELab	83.80, -6.44, 9.46
CIELCh	84, 11.450, 124.246
Yxy	63.6859, 0.3213, 0.3537
Android (android.graphics.Color)	4291613887 (0xFFCCD4BF)
YUV	207.2140, -7.9935, -2.8187
Hunter-Lab	79.8034, -10.2557, 12.3862

Details

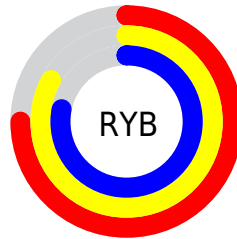
The Yxy color **63.6859, 0.3213, 0.3537** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1393, 0.3035, 0.3040**, and the grayscale version is **62.5963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **32.4330, 0.3232, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **61.7148, 0.3300, 0.3803**, and if you desaturate by 10%, it is **65.8563, 0.3126, 0.3288**.

Distribution



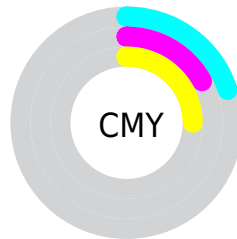
- Red (80%)
- Green (83%)
- Blue (75%)



- Red (75%)
- Yellow (83%)
- Blue (78%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (17%)



- Cyan (20%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6859, 0.3213, 0.3537 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 63.6859, 0.3213, 0.3537 by changing the saturation by 10% instead.

■ 63.6859, 0.3213,
0.3537

■ 63.6859, 0.3213,
0.3537

438.0545, 0.3173,
0.3419

■ 46.3963, 0.3222,
0.3565

■ 110.1585, 0.3199,
0.3495

■ 32.5587, 0.3234,
0.3601

140.1102, 0.3194,
0.3479

■ 21.7886, 0.3248,
0.3647

175.0515, 0.3189,
0.3465

■ 13.7016, 0.3267,
0.3708

215.3667, 0.3185,
0.3453

■ 7.9134, 0.3293,
0.3796

261.4402, 0.3181,
0.3443

■ 4.0396, 0.3330,
0.3929

313.6564, 0.3178,

■ 1.6957, 0.3386,

0.3434

0.4157

372.3997, 0.3176,
0.3426

0.4209, 0.3658,
0.6342

0.0000, 0.0000,
0.0000

63.6859, 0.3213,
0.3537

63.6859, 0.3213,
0.3537

61.7148, 0.3300,
0.3803

65.8563, 0.3126,
0.3288

59.9280, 0.3383,
0.4082

68.2240, 0.3042,
0.3059

58.3212, 0.3459,
0.4367

70.7977, 0.2962,
0.2850

56.8868, 0.3524,
0.4647

72.1720, 0.3014,
0.2853

■ 55.6165, 0.3572,
0.4910

■ 73.5808, 0.3071,
0.2861

■ 54.5012, 0.3599,
0.5144

■ 75.0524, 0.3127,
0.2868

■ 53.5306, 0.3602,
0.5335

■ 75.5671, 0.3147,
0.2871

■ 52.6925, 0.3580,
0.5476

■ 51.9660, 0.3539,
0.5572

Harmonies

Analogous

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



63.6859, 0.3338, 0.3532



63.6859, 0.3213, 0.3537



63.6859, 0.3068, 0.3471

Triad

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



63.6859, 0.3213, 0.3537



63.6859, 0.2855, 0.3111



63.6859, 0.3316, 0.3225

Complementary

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



63.6859, 0.3213, 0.3537



54.1393, 0.3035, 0.3040

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.



63.6859, 0.3183, 0.3119



63.6859, 0.3213, 0.3537



63.6859, 0.2918, 0.3052

Square

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



63.6859, 0.3213, 0.3537



63.6859, 0.2864, 0.3221



63.6859, 0.3037, 0.3056



63.6859, 0.3398, 0.3349

Rectangle

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



63.6859, 0.3213, 0.3537



63.6859, 0.2979, 0.3397



63.6859, 0.3037, 0.3056



63.6859, 0.3275, 0.3186

Sweetspot

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



63.6887, 0.3213, 0.3537



98.9709, 0.3153, 0.3364



58.4592, 0.3291, 0.3381



21.1260, 0.3160, 0.3383



0.0000, 0.0000, 0.0000



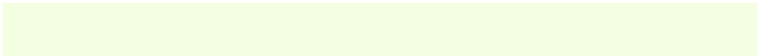
21.4041, 0.3127, 0.3290

Same Dimension

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



63.6887, 0.3213, 0.3537



96.0486, 0.3232, 0.3595



62.2876, 0.3136, 0.3543



14.2738, 0.3209, 0.3524



32.1367, 0.3547, 0.5565



1.9851, 0.3659, 0.5477

Inverse Universe

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



54.1393, 0.3035, 0.3040



78.5803, 0.3013, 0.2981



55.5882, 0.3116, 0.3046



12.2359, 0.3040, 0.3053



4.0514, 0.1817, 0.0775



0.2911, 0.2014, 0.0883

Previews

White Background



This preview shows how the Yxy color 63.6859, 0.3213, 0.3537 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 63.6859, 0.3213, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

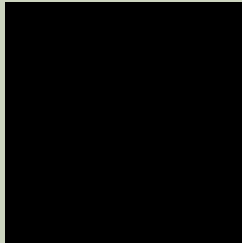
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

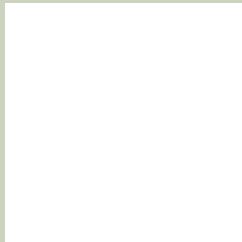
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.6859, 0.3213, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 63.6859, 0.3213, 0.3537.



This preview shows how white text looks on a background with the Yxy color 63.6859, 0.3213, 0.3537.

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

63.6859, 0.3213, 0.3537

Protanopia

63.5376, 0.3332, 0.3508

Deuteranopia

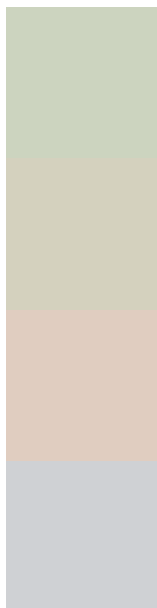
63.2857, 0.3458, 0.3379



Tritanopia

63.5628, 0.3025, 0.3098

Trichromacy



Original Color

63.6859, 0.3213, 0.3537

Protanomaly

63.3157, 0.3285, 0.3510

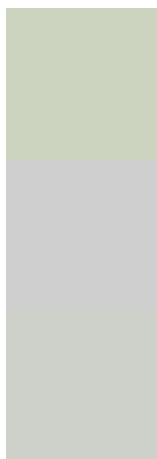
Deuteranomaly

63.3157, 0.3370, 0.3437

Tritanomaly

63.6198, 0.3092, 0.3256

Monochromacy



Original Color

63.6859, 0.3213, 0.3537

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.9398, 0.3160, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6859, 0.3213, 0.3537 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(204, 212, 191)` looks like.

```
.text, #text, p{  
    color:rgb(204, 212, 191)  
}
```

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(204, 212, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 212, 191) }
```

Border

The CSS property to change the border of an element to Yxy 63.6859, 0.3213, 0.3537 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(204, 212, 191) }
```

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

```
.border{ border-color:rgb(204, 212, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 212, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 212, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 212, 191);  
box-shadow:4px 4px 4px 4px rgb(204, 212,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6859, 0.3213, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 212, 191) }
```

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

```
.background{ background-color: rgb(204,  
212, 191) }
```

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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