

Converting Colors

$Yxy(62.5763, 0.3218, 0.3558)$

Have a look what the booklet for
Yxy(62.5763, 0.3218, 0.3558)
contains.

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Color

Yxy(62.7759, 0.3219, 0.3563)

Conversions

Conversions Part 1

Format	Color
Hex	CAD3BC
RGB	202, 211, 188
RGB Percent	79%, 83%, 74%
CMY	0.2081, 0.1725, 0.2628
CMYK	0.04, 0.00, 0.11, 0.17
HSL	84°, 21%, 78%
HSV	84°, 11%, 83%
XYZ	56.7150, 62.7759, 56.6974
YIQ	205.6870, 2.0190, -9.0610

Conversions

Conversions Part 2

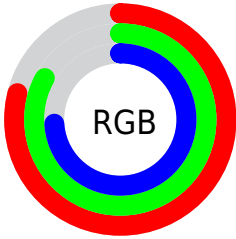
Format	Color
RYB	188, 211, 197
Decimal	13292476
CIELab	83.32, -7.18, 10.35
CIELCh	83, 12.593, 124.758
Yxy	62.7759, 0.3219, 0.3563
Android (android.graphics.Color)	4291482556 (0xFFCAD3BC)
YUV	205.6870, -8.7197, -3.2335
Hunter-Lab	79.2312, -10.8815, 13.0343

Details

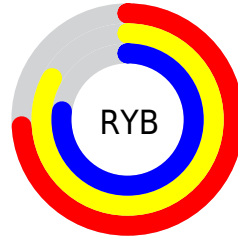
The Yxy color **62.7759, 0.3219, 0.3563** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5460, 0.3028, 0.3014**, and the grayscale version is **61.5622, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **32.1591, 0.3239, 0.3637** is the 20% darker color. If you saturate the color by 10%, you get **60.8048, 0.3303, 0.3831**, and if you desaturate by 10%, it is **64.9481, 0.3135, 0.3312**.

Distribution



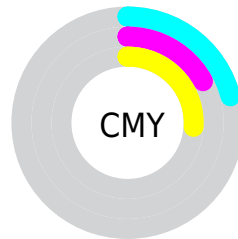
- Red (79%)
- Green (83%)
- Blue (74%)



- Red (74%)
- Yellow (83%)
- Blue (77%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (17%)



- Cyan (21%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7759, 0.3219, 0.3563 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 62.7759, 0.3219, 0.3563 by changing the saturation by 10% instead.

■ 62.7759, 0.3219,
0.3563

■ 62.7759, 0.3219,
0.3563

434.7557, 0.3176,
0.3432

■ 45.6599, 0.3229,
0.3594

■ 108.8461, 0.3204,
0.3516

■ 31.9776, 0.3241,
0.3634

138.5692, 0.3198,
0.3498

■ 21.3444, 0.3256,
0.3685

173.2634, 0.3193,
0.3483

■ 13.3759, 0.3276,
0.3755

213.3132, 0.3189,
0.3470

■ 7.6879, 0.3304,
0.3853

259.1029, 0.3185,
0.3459

■ 3.8959, 0.3343,
0.4004

311.0170, 0.3182,

■ 1.6155, 0.3402,

0.3448

0.4266

369.4398, 0.3179,
0.3440

0.3680, 0.3217,
0.6783

0.0000, 0.0000,
0.0000

62.7759, 0.3219,
0.3563

62.7759, 0.3219,
0.3563

60.8048, 0.3303,
0.3831

64.9481, 0.3135,
0.3312

59.0199, 0.3383,
0.4113

67.3197, 0.3053,
0.3081

57.4168, 0.3456,
0.4399

69.8993, 0.2974,
0.2871

55.9877, 0.3516,
0.4680

71.5209, 0.3008,
0.2842

■ 54.7244, 0.3560,
0.4944

■ 72.9725, 0.3066,
0.2850

■ 53.6174, 0.3582,
0.5176

■ 74.4913, 0.3125,
0.2858

■ 52.6564, 0.3580,
0.5366

■ 75.0801, 0.3147,
0.2861

■ 51.8290, 0.3554,
0.5504

■ 51.1743, 0.3515,
0.5591

Harmonies

Analogous

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



62.7759, 0.3358, 0.3559



62.7759, 0.3219, 0.3563



62.7759, 0.3058, 0.3489

Triad

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



62.7759, 0.3219, 0.3563



62.7759, 0.2828, 0.3090



62.7759, 0.3338, 0.3220

Complementary

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



62.7759, 0.3219, 0.3563



52.5460, 0.3028, 0.3014

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.



62.7759, 0.3191, 0.3103



62.7759, 0.3219, 0.3563



62.7759, 0.2898, 0.3027

Square

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



62.7759, 0.3219, 0.3563



62.7759, 0.2836, 0.3210



62.7759, 0.3030, 0.3033



62.7759, 0.3428, 0.3357

Rectangle

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



62.7759, 0.3219, 0.3563



62.7759, 0.2961, 0.3406



62.7759, 0.3030, 0.3033



62.7759, 0.3293, 0.3177

Sweetspot

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



62.7786, 0.3219, 0.3563



98.9493, 0.3153, 0.3364



57.3329, 0.3308, 0.3395



21.1202, 0.3159, 0.3384



0.0000, 0.0000, 0.0000



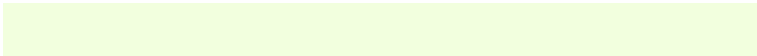
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7786, 0.3219, 0.3563



95.6503, 0.3238, 0.3621



61.2649, 0.3134, 0.3570



13.5553, 0.3206, 0.3524



30.9369, 0.3525, 0.5583



1.7751, 0.3647, 0.5487

Inverse Universe

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



52.5460, 0.3028, 0.3014



77.0319, 0.3006, 0.2954



54.1246, 0.3118, 0.3022



11.6418, 0.3043, 0.3054



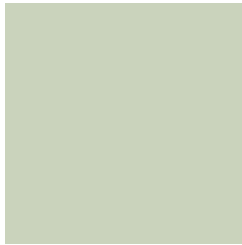
4.0095, 0.1842, 0.0788



0.2697, 0.2053, 0.0905

Previews

White Background



This preview shows how the Yxy color 62.7759, 0.3219, 0.3563 looks on a white background.

Color Contrast Check

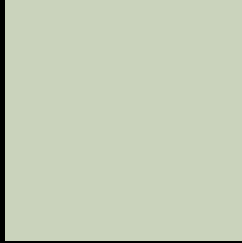
Large Text (above 18pt) WCAG AA × Fail

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 62.7759, 0.3219, 0.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

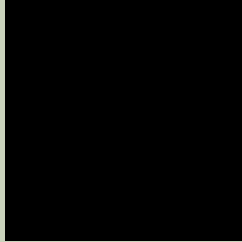
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

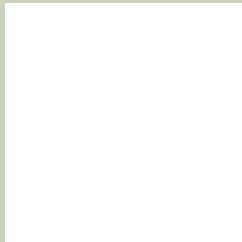
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7759, 0.3219, 0.3563

Background



This preview shows how black text looks on a background with the Yxy color 62.7759, 0.3219, 0.3563.



This preview shows how white text looks on a background with the Yxy color 62.7759, 0.3219, 0.3563.

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

62.7759, 0.3219, 0.3563

Protanopia

62.7697, 0.3348, 0.3532

Deuteranopia

62.5187, 0.3475, 0.3401



Tritanopia

62.6819, 0.3024, 0.3108

Trichromacy



Original Color

62.7759, 0.3219, 0.3563

Protanomaly

62.5485, 0.3300, 0.3535

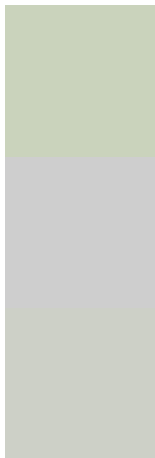
Deuteranomaly

62.3894, 0.3378, 0.3461

Tritanomaly

62.7440, 0.3091, 0.3267

Monochromacy



Original Color

62.7759, 0.3219, 0.3563

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.2144, 0.3168, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7759, 0.3219, 0.3563 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, 211, 188)` looks like.

```
.text, #text, p{  
    color:rgb(202, 211, 188)  
}
```

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, 211, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 211, 188) }
```

Border

The CSS property to change the border of an element to Yxy 62.7759, 0.3219, 0.3563 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, 211, 188) }
```

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

```
.border{ border-color:rgb(202, 211, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 211, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 211, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 211, 188);  
box-shadow:4px 4px 4px 4px rgb(202, 211,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7759, 0.3219, 0.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 211, 188) }
```

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

```
.background{ background-color: rgb(202,  
211, 188) }
```

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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