

Converting Colors

$Y_{xy}(61.8275, 0.3213, 0.3335)$

Have a look what the booklet for
Yxy(61.8275, 0.3213, 0.3335)
contains.

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Color

Yxy(61.8767, 0.3209, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	D4CDC9
RGB	212, 205, 201
RGB Percent	83%, 80%, 79%
CMY	0.1688, 0.1960, 0.2116
CMYK	0.00, 0.03, 0.05, 0.17
HSL	22°, 11%, 81%
HSV	22°, 5%, 83%
XYZ	59.5211, 61.8767, 64.0839
YIQ	206.6370, 5.4560, 0.2400

Conversions

Conversions Part 2

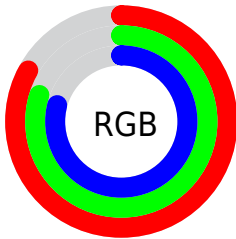
Format	Color
R _Y B	212, 207, 201
Decimal	13946313
CIE Lab	82.85, 1.71, 2.82
CIE LCh	83, 3.296, 58.832
Yxy	61.8767, 0.3209, 0.3336
Android (android.graphics.Color)	4292136393 (0xFFD4CDC9)
YUV	206.6370, -2.7790, 4.7034
Hunter-Lab	78.6617, -2.5922, 6.7610

Details

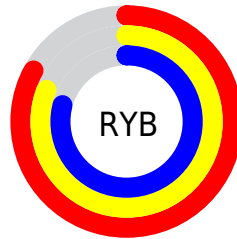
The Yxy color **61.8767, 0.3209, 0.3336** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2798, 0.3048, 0.3244**, and the grayscale version is **62.1667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.4079, 0.3226, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **54.7740, 0.3388, 0.3430**, and if you desaturate by 10%, it is **69.6784, 0.3056, 0.3248**.

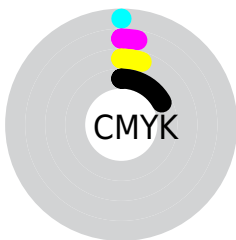
Distribution



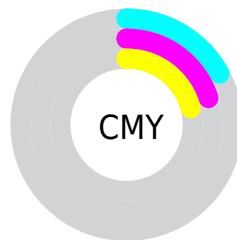
- Red (83%)
- Green (80%)
- Blue (79%)



- Red (83%)
- Yellow (81%)
- Blue (79%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8767, 0.3209, 0.3336 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 61.8767, 0.3209, 0.3336 by changing the saturation by 10% instead.

■ 61.8767, 0.3209,
0.3336

■ 61.8767, 0.3209,
0.3336

431.4812, 0.3170,
0.3314

■ 44.9331, 0.3218,
0.3341

107.5473, 0.3195,
0.3328

■ 31.4047, 0.3230,
0.3347

137.0431, 0.3190,
0.3325

■ 20.9072, 0.3245,
0.3356

171.4917, 0.3185,
0.3323

■ 13.0562, 0.3265,
0.3367

211.2775, 0.3181,
0.3321

■ 7.4673, 0.3293,
0.3382

256.7850, 0.3178,
0.3319

■ 3.7560, 0.3336,
0.3405

308.3985, 0.3175,

■ 1.5380, 0.3409,

0.3317

366.5025, 0.3172,
0.3316

0.3443

0.3153, 0.4252,
0.3928

0.0000, 0.0000,
0.0000

61.8767, 0.3209,
0.3336

61.8767, 0.3209,
0.3336

54.7740, 0.3388,
0.3430

69.6784, 0.3056,
0.3248

48.3425, 0.3598,
0.3528

78.1896, 0.2926,
0.3168

42.5646, 0.3842,
0.3629

86.7957, 0.2867,
0.3191

37.4186, 0.4120,
0.3725

92.7322, 0.2871,
0.3289

■ 32.8816, 0.4432,
0.3811

■ 28.9293, 0.4766,
0.3874

■ 25.5354, 0.5106,
0.3901

■ 22.6711, 0.5426,
0.3883

■ 20.3042, 0.5697,
0.3812

Harmonies

Analogous

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



61.8767, 0.3203, 0.3302



61.8767, 0.3209, 0.3336



61.8767, 0.3193, 0.3358

Triad

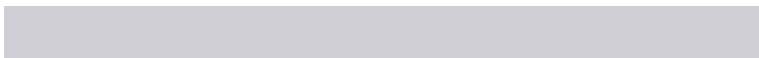
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.8767, 0.3209, 0.3336



61.8767, 0.3079, 0.3316



61.8767, 0.3094, 0.3219

Complementary

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



61.8767, 0.3209, 0.3336



62.2798, 0.3048, 0.3244

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.



61.8767, 0.3061, 0.3222



61.8767, 0.3209, 0.3336



61.8767, 0.3053, 0.3278

Square

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



61.8767, 0.3209, 0.3336



61.8767, 0.3118, 0.3347



61.8767, 0.3046, 0.3244



61.8767, 0.3136, 0.3235

Rectangle

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



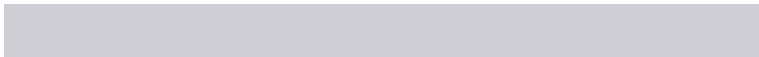
61.8767, 0.3209, 0.3336



61.8767, 0.3173, 0.3363



61.8767, 0.3046, 0.3244



61.8767, 0.3082, 0.3218

Sweetspot

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



61.8794, 0.3209, 0.3336



97.6235, 0.3158, 0.3308



60.3418, 0.3161, 0.3209



20.9204, 0.3157, 0.3307



0.0000, 0.0000, 0.0000



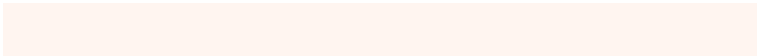
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8794, 0.3209, 0.3336



93.0007, 0.3224, 0.3344



64.4659, 0.3204, 0.3397



13.6124, 0.3233, 0.3349



12.1057, 0.5786, 0.3788



0.8852, 0.5457, 0.4049

Inverse Universe

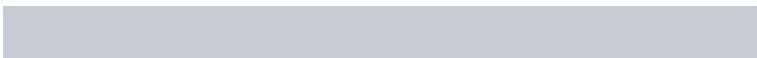
The Inverse Universe completely reimagines the original color for something new.



62.2798, 0.3048, 0.3244



93.7114, 0.3034, 0.3235



59.7315, 0.3049, 0.3181



13.7260, 0.3026, 0.3230



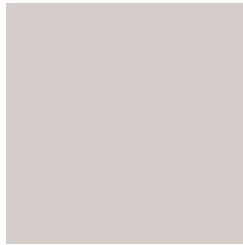
13.8020, 0.1906, 0.2059



0.9874, 0.1971, 0.2296

Previews

White Background



This preview shows how the Yxy color 61.8767, 0.3209, 0.3336 looks on a white background.

Color Contrast Check

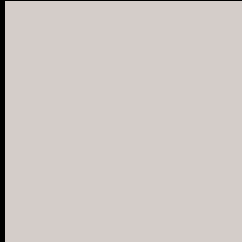
Large Text (above 18pt) WCAG AA × Fail

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 61.8767, 0.3209, 0.3336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

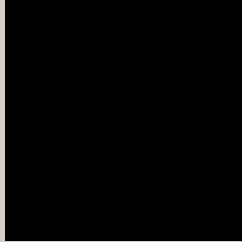
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

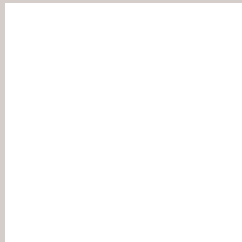
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8767, 0.3209, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 61.8767, 0.3209, 0.3336.

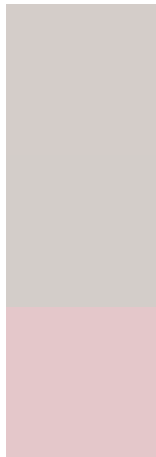


This preview shows how white text looks on a background with the Yxy color 61.8767, 0.3209, 0.3336.

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

61.8767, 0.3209, 0.3336

Protanopia

61.7286, 0.3202, 0.3336

Deuteranopia

61.6051, 0.3335, 0.3257



Tritanopia

61.5992, 0.3105, 0.3110

Trichromacy



Original Color

61.8767, 0.3209, 0.3336

Protanomaly

61.7286, 0.3202, 0.3336

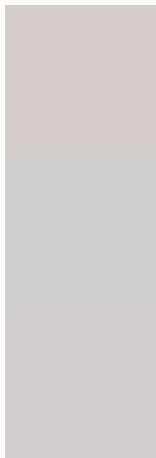
Deuteranomaly

61.5672, 0.3285, 0.3279

Tritanomaly

61.6115, 0.3140, 0.3188

Monochromacy



Original Color

61.8767, 0.3209, 0.3336

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.1057, 0.3157, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8767, 0.3209, 0.3336 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, 205, 201)` looks like.

```
.text, #text, p{  
    color:rgb(212, 205, 201)  
}
```

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, 205, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 205, 201) }
```

Border

The CSS property to change the border of an element to Yxy 61.8767, 0.3209, 0.3336 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, 205, 201) }
```

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

```
.border{ border-color:rgb(212, 205, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 205, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 205, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 205, 201);  
box-shadow:4px 4px 4px 4px rgb(212, 205,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8767, 0.3209, 0.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 205, 201) }
```

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

```
.background{ background-color: rgb(212,  
205, 201) }
```

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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