

Converting Colors

Yxy(61.7629, 0.3372, 0.3719)

Have a look what the booklet for
Yxy(61.7629, 0.3372, 0.3719)
contains.

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Color

Yxy(61.8835, 0.3368, 0.3717)

Conversions

Conversions Part 1

Format	Color
Hex	CFD1AD
RGB	207, 209, 173
RGB Percent	81%, 82%, 68%
CMY	0.1883, 0.1804, 0.3215
CMYK	0.01, 0.00, 0.17, 0.18
HSL	63°, 28%, 75%
HSV	63°, 17%, 82%
XYZ	56.0731, 61.8835, 48.5312
YIQ	204.2980, 10.3640, -11.6200

Conversions

Conversions Part 2

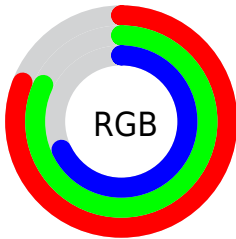
Format	Color
RYB	173, 209, 175
Decimal	13619629
CIELab	82.85, -6.74, 17.66
CIELCh	83, 18.900, 110.876
Yxy	61.8835, 0.3368, 0.3717
Android (android.graphics.Color)	4291809709 (0xFFCFD1AD)
YUV	204.2980, -15.4299, 2.3697
Hunter-Lab	78.6661, -10.4310, 18.4887

Details

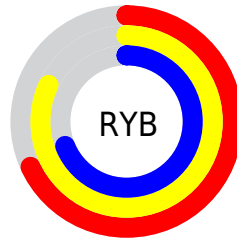
The Yxy color **61.8835, 0.3368, 0.3717** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.6153, 0.2863, 0.2829**, and the grayscale version is **60.6771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **31.4986, 0.3417, 0.3827** is the 20% darker color. If you saturate the color by 10%, you get **60.9706, 0.3509, 0.3971**, and if you desaturate by 10%, it is **62.9297, 0.3227, 0.3466**.

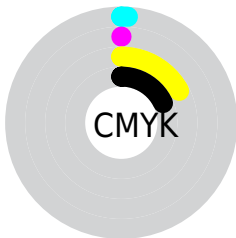
Distribution



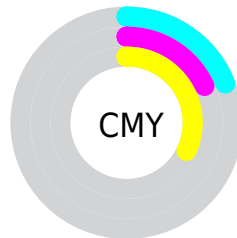
- Red (81%)
- Green (82%)
- Blue (68%)



- Red (68%)
- Yellow (82%)
- Blue (69%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8835, 0.3368, 0.3717 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 61.8835, 0.3368, 0.3717 by changing the saturation by 10% instead.

■ 61.8835, 0.3368,
0.3717

■ 61.8835, 0.3368,
0.3717

431.5060, 0.3255,
0.3511

■ 44.9386, 0.3394,
0.3766

■ 107.5571, 0.3329,
0.3644

■ 31.4090, 0.3426,
0.3828

137.0546, 0.3313,
0.3616

■ 20.9105, 0.3467,
0.3908

171.5051, 0.3300,
0.3592

■ 13.0586, 0.3521,
0.4016

211.2930, 0.3289,
0.3571

■ 7.4689, 0.3593,
0.4167

256.8026, 0.3279,
0.3553

■ 3.7570, 0.3694,
0.4395

308.4184, 0.3270,

■ 1.5386, 0.4004,

0.3538

0.4978

366.5247, 0.3262,
0.3524

0.3157, 0.3005,
0.6995

0.0000, 0.0000,
0.0000

61.8835, 0.3368,
0.3717

61.8835, 0.3368,
0.3717

60.9706, 0.3509,
0.3971

62.9297, 0.3227,
0.3466

60.1769, 0.3646,
0.4220

64.1066, 0.3090,
0.3224

59.4988, 0.3773,
0.4455

65.4219, 0.2959,
0.2995

58.9295, 0.3884,
0.4665

66.7760, 0.2846,
0.2799

■ 58.4612, 0.3973,
0.4842

■ 66.9510, 0.2854,
0.2800

■ 58.0853, 0.4039,
0.4977

■ 67.1273, 0.2862,
0.2801

■ 57.7917, 0.4078,
0.5069

■ 67.3049, 0.2870,
0.2802

■ 57.5667, 0.4092,
0.5120

■ 67.4838, 0.2878,
0.2803

■ 57.5098, 0.4095,
0.5131

■ 67.6639, 0.2886,
0.2804

Harmonies

Analogous

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



61.8835, 0.3543, 0.3650



61.8835, 0.3368, 0.3717



61.8835, 0.3133, 0.3661

Triad

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



61.8835, 0.3368, 0.3717



61.8835, 0.2671, 0.3060



61.8835, 0.3348, 0.3098

Complementary

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



61.8835, 0.3368, 0.3717



43.6153, 0.2863, 0.2829

Split Complementary

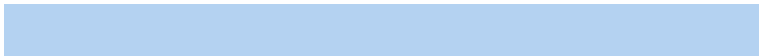
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.8835, 0.3107, 0.2954



61.8835, 0.3368, 0.3717



61.8835, 0.2723, 0.2926

Square

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



61.8835, 0.3368, 0.3717



61.8835, 0.2736, 0.3268



61.8835, 0.2880, 0.2890



61.8835, 0.3533, 0.3291

Rectangle

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



61.8835, 0.3368, 0.3717



61.8835, 0.2974, 0.3558



61.8835, 0.2880, 0.2890



61.8835, 0.3271, 0.3042

Sweetspot

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



61.8862, 0.3368, 0.3717



99.0701, 0.3197, 0.3413



47.1622, 0.3452, 0.3313



21.1780, 0.3207, 0.3430



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.



61.8862, 0.3368, 0.3717



96.4514, 0.3425, 0.3819



59.4691, 0.3228, 0.3736



13.7624, 0.3257, 0.3520



35.4700, 0.4096, 0.5130



1.9938, 0.4115, 0.5115

Inverse Universe

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



43.6153, 0.2863, 0.2829



62.1062, 0.2793, 0.2707



45.8095, 0.3009, 0.2848



11.4490, 0.2990, 0.3050



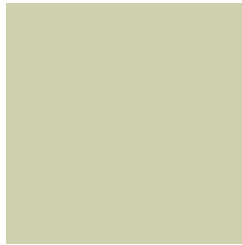
2.8994, 0.1519, 0.0611



0.1735, 0.1582, 0.0645

Previews

White Background



This preview shows how the Yxy color 61.8835, 0.3368, 0.3717 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 61.8835, 0.3368, 0.3717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

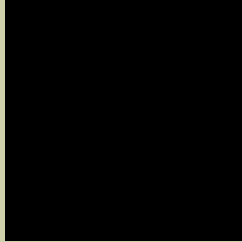
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

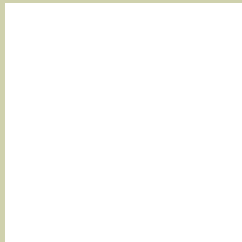
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8835, 0.3368, 0.3717

Background



This preview shows how black text looks on a background with the Yxy color 61.8835, 0.3368, 0.3717.



This preview shows how white text looks on a background with the Yxy color 61.8835, 0.3368, 0.3717.

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

61.8835, 0.3368, 0.3717

Protanopia

61.9883, 0.3478, 0.3695

Deuteranopia

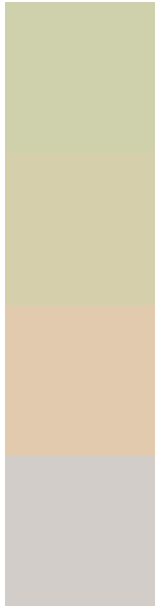
61.4878, 0.3624, 0.3545



Tritanopia

61.9725, 0.3090, 0.3110

Trichromacy



Original Color

61.8835, 0.3368, 0.3717

Protanomaly

61.9003, 0.3436, 0.3699

Deuteranomaly

61.4658, 0.3530, 0.3609

Tritanomaly

61.7758, 0.3195, 0.3325

Monochromacy



Original Color

61.8835, 0.3368, 0.3717

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.9720, 0.3212, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8835, 0.3368, 0.3717 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(207, 209, 173)` looks like.

```
.text, #text, p{  
    color:rgb(207, 209, 173)  
}
```

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(207, 209, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 209, 173) }
```

Border

The CSS property to change the border of an element to Yxy 61.8835, 0.3368, 0.3717 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(207, 209, 173) }
```

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

```
.border{ border-color:rgb(207, 209, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 209, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 209, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 209, 173);  
box-shadow:4px 4px 4px 4px rgb(207, 209,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8835, 0.3368, 0.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 209, 173) }
```

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

```
.background{ background-color: rgb(207,  
209, 173) }
```

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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