

Converting Colors

Yxy(61.1165, 0.3410, 0.3817)

Have a look what the booklet for
Yxy(61.1165, 0.3410, 0.3817)
contains.

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Color

Yxy(61.2967, 0.3410, 0.3817)

Conversions

Conversions Part 1

Format	Color
Hex	CDD1A5
RGB	205, 209, 165
RGB Percent	80%, 82%, 65%
CMY	0.1962, 0.1803, 0.3530
CMYK	0.02, 0.00, 0.21, 0.18
HSL	66°, 32%, 73%
HSV	66°, 21%, 82%
XYZ	54.7607, 61.2967, 44.5312
YIQ	202.7880, 11.7400, -14.5320

Conversions

Conversions Part 2

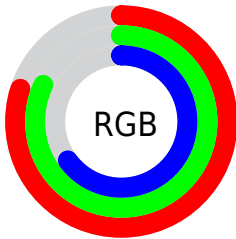
Format	Color
RYB	165, 209, 169
Decimal	13488549
CIELab	82.54, -8.68, 21.44
CIELCh	83, 23.128, 112.046
Yxy	61.2967, 0.3410, 0.3817
Android (android.graphics.Color)	4291678629 (0xFFCDD1A5)
YUV	202.7880, -18.6295, 1.9399
Hunter-Lab	78.2922, -12.1612, 21.0814

Details

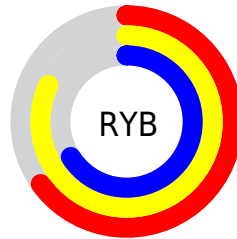
The Yxy color **61.2967, 0.3410, 0.3817** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.9444, 0.2809, 0.2715**, and the grayscale version is **59.6924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **31.1190, 0.3471, 0.3960** is the 20% darker color. If you saturate the color by 10%, you get **60.3281, 0.3544, 0.4073**, and if you desaturate by 10%, it is **62.3984, 0.3274, 0.3562**.

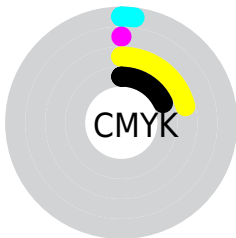
Distribution



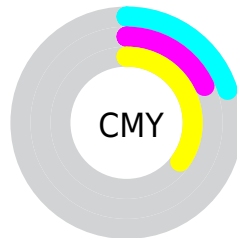
- Red (80%)
- Green (82%)
- Blue (65%)



- Red (65%)
- Yellow (82%)
- Blue (66%)



- Cyan (2%)
- Magenta (0%)
- Yellow (21%)
- Black (18%)




- Cyan (20%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2967, 0.3410, 0.3817 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 61.2967, 0.3410, 0.3817 by changing the saturation by 10% instead.


 61.2967, 0.3410,
0.3817


 61.2967, 0.3410,
0.3817

429.3610, 0.3278,
0.3562

 44.4647, 0.3440,
0.3878


 106.7084, 0.3364,
0.3726

 31.0360, 0.3477,
0.3955


 136.0569, 0.3346,
0.3691

 20.6262, 0.3524,
0.4055


170.3463, 0.3331,
0.3662

 12.8511, 0.3584,
0.4188

209.9610, 0.3318,
0.3636

 7.3261, 0.3663,
0.4376

255.2854, 0.3306,
0.3614

 3.6668, 0.3768,
0.4657

306.7040, 0.3295,

 1.4890, 0.4307,

0.3595

0.5645

364.6011, 0.3286,
0.3577

0.2810, 0.1640,
0.8360

0.0000, 0.0000,
0.0000

61.2967, 0.3410,
0.3817

61.2967, 0.3410,
0.3817

60.3281, 0.3544,
0.4073

62.3984, 0.3274,
0.3562

59.4785, 0.3671,
0.4322

63.6308, 0.3141,
0.3316

58.7441, 0.3786,
0.4555

65.0019, 0.3013,
0.3082

58.1176, 0.3882,
0.4760

66.5166, 0.2892,
0.2864

■ 57.5910, 0.3957,
0.4929

■ 67.2113, 0.2866,
0.2801

■ 57.1552, 0.4006,
0.5055

■ 67.5030, 0.2879,
0.2803

■ 56.7992, 0.4029,
0.5138

■ 67.7982, 0.2892,
0.2805

■ 56.5314, 0.4032,
0.5181

■ 68.0967, 0.2905,
0.2807

■ 68.3988, 0.2918,
0.2809

Harmonies

Analogous

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



61.2967, 0.3631, 0.3735



61.2967, 0.3410, 0.3817



61.2967, 0.3120, 0.3744

Triad

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



61.2967, 0.3410, 0.3817



61.2967, 0.2572, 0.2997



61.2967, 0.3409, 0.3064

Complementary

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



61.2967, 0.3410, 0.3817



39.9444, 0.2809, 0.2715

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.



61.2967, 0.3113, 0.2887



61.2967, 0.3410, 0.3817



61.2967, 0.2639, 0.2841

Square

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



61.2967, 0.3410, 0.3817



61.2967, 0.2643, 0.3249



61.2967, 0.2833, 0.2805



61.2967, 0.3634, 0.3298

Rectangle

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



61.2967, 0.3410, 0.3817



61.2967, 0.2928, 0.3613



61.2967, 0.2833, 0.2805



61.2967, 0.3314, 0.2996

Sweetspot

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



61.2994, 0.3410, 0.3817



98.7878, 0.3207, 0.3438



44.5186, 0.3539, 0.3337



21.1174, 0.3216, 0.3454



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.



61.2994, 0.3410, 0.3817



95.4584, 0.3467, 0.3925



58.4321, 0.3239, 0.3847



13.7401, 0.3252, 0.3521



34.8724, 0.4034, 0.5179



1.9663, 0.4065, 0.5154

Inverse Universe

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



39.9444, 0.2809, 0.2715



56.4756, 0.2735, 0.2583



42.5398, 0.2991, 0.2744



11.4689, 0.2996, 0.3051



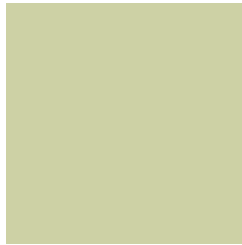
2.9439, 0.1533, 0.0618



0.1829, 0.1632, 0.0673

Previews

White Background



This preview shows how the Yxy color 61.2967, 0.3410, 0.3817 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 61.2967, 0.3410, 0.3817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

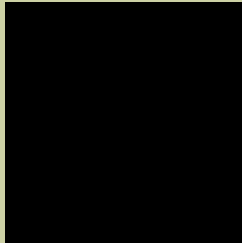
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

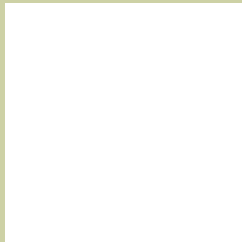
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2967, 0.3410, 0.3817

Background



This preview shows how black text looks on a background with the Yxy color 61.2967, 0.3410, 0.3817.



This preview shows how white text looks on a background with the Yxy color 61.2967, 0.3410, 0.3817.

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

61.2967, 0.3410, 0.3817

Protanopia

61.2124, 0.3540, 0.3778

Deuteranopia

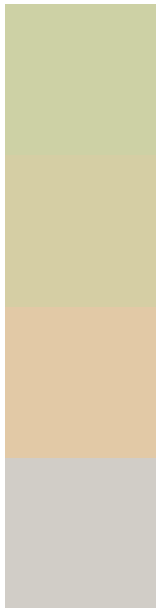
60.8997, 0.3699, 0.3622



Tritanopia

61.3001, 0.3090, 0.3109

Trichromacy



Original Color

61.2967, 0.3410, 0.3817

Protanomaly

60.9691, 0.3489, 0.3784

Deuteranomaly

60.6952, 0.3595, 0.3690

Tritanomaly

61.3415, 0.3201, 0.3360

Monochromacy



Original Color

61.2967, 0.3410, 0.3817

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.1741, 0.3234, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2967, 0.3410, 0.3817 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(205, 209, 165)` looks like.

```
.text, #text, p{  
    color:rgb(205, 209, 165)  
}
```

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(205, 209, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 209, 165) }
```

Border

The CSS property to change the border of an element to Yxy 61.2967, 0.3410, 0.3817 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(205, 209, 165) }
```

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

```
.border{ border-color:rgb(205, 209, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 209, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 209, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 209, 165); box-shadow:4px 4px 4px 4px rgb(205, 209, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2967, 0.3410, 0.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 209, 165) }
```

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

```
.background{ background-color: rgb(205,  
209, 165) }
```

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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