

Converting Colors

Yxy(61.3458, 0.3238, 0.3640)

Have a look what the booklet for
Yxy(61.3458, 0.3238, 0.3640)
contains.

Yxy(61.4351, 0.3239, 0.3639)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.4351, 0.3239, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	C6D2B5
RGB	198, 210, 181
RGB Percent	78%, 82%, 71%
CMY	0.2234, 0.1765, 0.2901
CMYK	0.06, 0.00, 0.14, 0.18
HSL	85°, 24%, 77%
HSV	85°, 14%, 82%
XYZ	54.6821, 61.4351, 52.7069
YIQ	203.1060, 2.1570, -11.5630

Conversions

Conversions Part 2

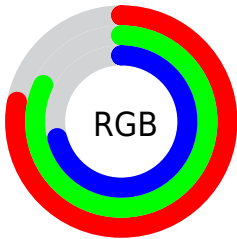
Format	Color
RYB	181, 210, 193
Decimal	13030069
CIELab	82.61, -9.20, 12.98
CIELCh	83, 15.914, 125.318
Yxy	61.4351, 0.3239, 0.3639
Android (android.graphics.Color)	4291220149 (0xFFC6D2B5)
YUV	203.1060, -10.8983, -4.4780
Hunter-Lab	78.3805, -12.6356, 14.9969

Details

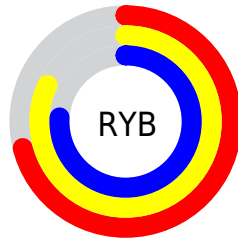
The Yxy color **61.4351, 0.3239, 0.3639** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.0505, 0.3003, 0.2937**, and the grayscale version is **59.8642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **31.2647, 0.3265, 0.3741** is the 20% darker color. If you saturate the color by 10%, you get **59.4932, 0.3319, 0.3913**, and if you desaturate by 10%, it is **63.5799, 0.3158, 0.3382**.

Distribution



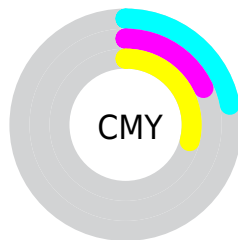
- Red (78%)
- Green (82%)
- Blue (71%)



- Red (71%)
- Yellow (82%)
- Blue (76%)



- Cyan (6%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4351, 0.3239, 0.3639 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 61.4351, 0.3239, 0.3639 by changing the saturation by 10% instead.

■ 61.4351, 0.3239,
0.3639

■ 61.4351, 0.3239,
0.3639

429.8675, 0.3187,
0.3470

■ 44.5764, 0.3251,
0.3680

■ 106.9087, 0.3221,
0.3579

■ 31.1239, 0.3265,
0.3731

136.2923, 0.3214,
0.3556

■ 20.6932, 0.3284,
0.3798

170.6198, 0.3208,
0.3536

■ 12.8999, 0.3307,
0.3889

210.2754, 0.3203,
0.3519

■ 7.3597, 0.3339,
0.4020

255.6436, 0.3198,
0.3504

■ 3.6880, 0.3382,
0.4221

307.1088, 0.3194,

■ 1.5006, 0.3485,

0.3491

0.4627

365.0553, 0.3190,
0.3480

0.2892, 0.1481,
0.8519

0.0000, 0.0000,
0.0000

61.4351, 0.3239,
0.3639

61.4351, 0.3239,
0.3639

59.4932, 0.3319,
0.3913

63.5799, 0.3158,
0.3382

57.7393, 0.3394,
0.4198

65.9261, 0.3078,
0.3145

56.1686, 0.3461,
0.4486

68.4826, 0.3001,
0.2930

54.7733, 0.3513,
0.4767

70.5925, 0.2991,
0.2829

■ 53.5446, 0.3548,
0.5026

■ 72.0876, 0.3051,
0.2838

■ 52.4729, 0.3561,
0.5251

■ 73.6555, 0.3113,
0.2846

■ 51.5473, 0.3549,
0.5430

■ 74.5716, 0.3148,
0.2851

■ 50.7546, 0.3515,
0.5556

■ 50.3164, 0.3486,
0.5614

Harmonies

Analogous

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



61.4351, 0.3417, 0.3633



61.4351, 0.3239, 0.3639



61.4351, 0.3035, 0.3543

Triad

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



61.4351, 0.3239, 0.3639



61.4351, 0.2749, 0.3033



61.4351, 0.3398, 0.3204

Complementary

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



61.4351, 0.3239, 0.3639



49.0505, 0.3003, 0.2937

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.



61.4351, 0.3211, 0.3056



61.4351, 0.3239, 0.3639



61.4351, 0.2839, 0.2956

Square

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



61.4351, 0.3239, 0.3639



61.4351, 0.2757, 0.3183



61.4351, 0.3006, 0.2966



61.4351, 0.3512, 0.3376

Rectangle

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



61.4351, 0.3239, 0.3639



61.4351, 0.2912, 0.3434



61.4351, 0.3006, 0.2966



61.4351, 0.3342, 0.3150

Sweetspot

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



61.4378, 0.3239, 0.3639



98.5694, 0.3160, 0.3389



55.0090, 0.3360, 0.3429



21.0416, 0.3166, 0.3407



0.0000, 0.0000, 0.0000



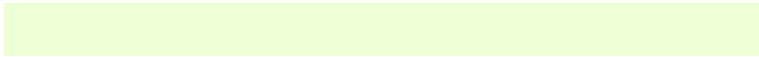
21.4041, 0.3127, 0.3290

Same Dimension

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



61.4378, 0.3239, 0.3639



94.2741, 0.3266, 0.3730



59.6102, 0.3132, 0.3651



13.5439, 0.3203, 0.3524



30.7535, 0.3496, 0.5607



1.7655, 0.3622, 0.5506

Inverse Universe

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



49.0505, 0.3003, 0.2937



70.8841, 0.2969, 0.2844



50.9924, 0.3119, 0.2949



11.6529, 0.3046, 0.3054



4.1246, 0.1873, 0.0806



0.2766, 0.2084, 0.0921

Previews

White Background



This preview shows how the Yxy color 61.4351, 0.3239, 0.3639 looks on a white background.

Color Contrast Check

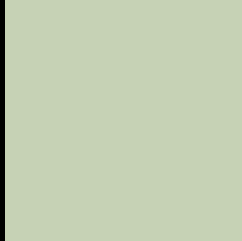
Large Text (above 18pt) WCAG AA × Fail

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 61.4351, 0.3239, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

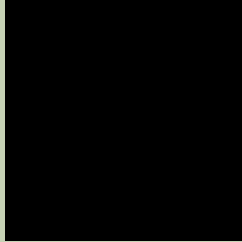
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

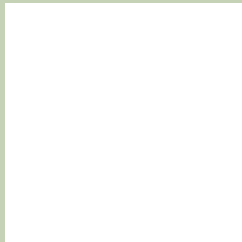
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4351, 0.3239, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 61.4351, 0.3239, 0.3639.



This preview shows how white text looks on a background with the Yxy color 61.4351, 0.3239, 0.3639.

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

61.4351, 0.3239, 0.3639

Protanopia

61.3241, 0.3403, 0.3605

Deuteranopia

61.1307, 0.3527, 0.3458



Tritanopia

61.2436, 0.3009, 0.3095

Trichromacy



Original Color

61.4351, 0.3239, 0.3639

Protanomaly

61.4356, 0.3344, 0.3620

Deuteranomaly

60.8341, 0.3419, 0.3521

Tritanomaly

61.1554, 0.3097, 0.3290

Monochromacy



Original Color

61.4351, 0.3239, 0.3639

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.5003, 0.3167, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4351, 0.3239, 0.3639 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(198, 210, 181)` looks like.

```
.text, #text, p{  
    color:rgb(198, 210, 181)  
}
```

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(198, 210, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 210, 181) }
```

Border

The CSS property to change the border of an element to Yxy 61.4351, 0.3239, 0.3639 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(198, 210, 181) }
```

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

```
.border{ border-color:rgb(198, 210, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 210, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 210, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 210, 181);  
box-shadow:4px 4px 4px 4px rgb(198, 210,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4351, 0.3239, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 210, 181) }
```

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

```
.background{ background-color: rgb(198,  
210, 181) }
```

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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