

Converting Colors

$Yxy(61.3564, 0.3438, 0.3274)$

Have a look what the booklet for
Yxy(61.3564, 0.3438, 0.3274)
contains.

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Color

Yxy(61.3899, 0.3436, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	ECC4C6
RGB	236, 196, 198
RGB Percent	93%, 77%, 78%
CMY	0.0745, 0.2314, 0.2235
CMYK	0.00, 0.17, 0.16, 0.07
HSL	357°, 51%, 85%
HSV	357°, 17%, 93%
XYZ	64.5261, 61.3899, 61.8782
YIQ	208.1880, 23.1980, 9.1020

Conversions

Conversions Part 2

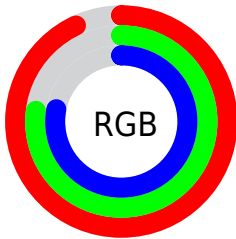
Format	Color
R _Y B	236, 196, 198
Decimal	15516870
CIE Lab	82.59, 14.49, 4.32
CIE LCh	83, 15.124, 16.586
Yxy	61.3899, 0.3436, 0.3269
Android (android.graphics.Color)	4293706950 (0xFFECC4C6)
YUV	208.1880, -5.0227, 24.3911
Hunter-Lab	78.3517, 9.8871, 8.0220

Details

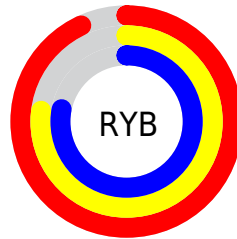
The Yxy color **61.3899, 0.3436, 0.3269** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6693, 0.2883, 0.3311**, and the grayscale version is **63.2286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **31.0629, 0.3522, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **50.6107, 0.3681, 0.3256**, and if you desaturate by 10%, it is **74.0023, 0.3240, 0.3282**.

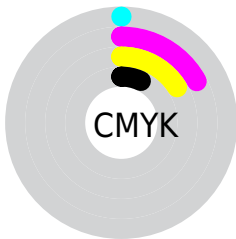
Distribution



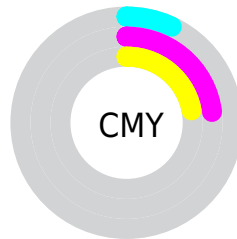
- Red (93%)
- Green (77%)
- Blue (78%)



- Red (93%)
- Yellow (77%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (16%)
- Black (7%)





- Cyan (7%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3899, 0.3436, 0.3269 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 61.3899, 0.3436, 0.3269 by changing the saturation by 10% instead.


 61.3899, 0.3436,
0.3269

 61.3899, 0.3436,
0.3269


429.7022, 0.3288,
0.3281

 44.5399, 0.3471,
0.3266


 106.8433, 0.3384,
0.3273

 31.0952, 0.3515,
0.3262


136.2155, 0.3363,
0.3275

 20.6713, 0.3573,
0.3256


170.5305, 0.3346,
0.3276

 12.8840, 0.3650,
0.3248

210.1727, 0.3331,
0.3277

 7.3487, 0.3759,
0.3235

255.5267, 0.3318,
0.3278

 3.6811, 0.3925,
0.3214

306.9766, 0.3307,

 1.4968, 0.4207,

0.3279

0.3171

364.9070, 0.3297,
0.3280

0.2865, 0.6786,
0.3105

0.0000, 0.0000,
0.0000

61.3899, 0.3436,
0.3269

61.3899, 0.3436,
0.3269

50.6107, 0.3681,
0.3256

74.0023, 0.3240,
0.3282

41.5717, 0.3984,
0.3243

88.5188, 0.3083,
0.3294

34.1841, 0.4352,
0.3232

96.5733, 0.3011,
0.3290

28.3481, 0.4781,
0.3224

■ 23.9530, 0.5248,
0.3224

■ 20.8738, 0.5705,
0.3232

■ 18.9637, 0.6082,
0.3251

■ 18.0356, 0.6317,
0.3275

■ 17.8594, 0.6362,
0.3278

Harmonies

Analogous

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



61.3899, 0.3279, 0.3115



61.3899, 0.3436, 0.3269



61.3899, 0.3508, 0.3433

Triad

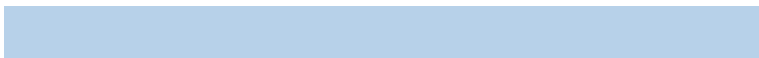
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.3899, 0.3436, 0.3269



61.3899, 0.3161, 0.3598



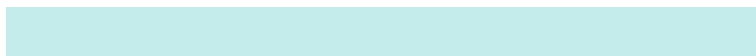
61.3899, 0.2789, 0.3009

Complementary

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



61.3899, 0.3436, 0.3269



77.6693, 0.2883, 0.3311

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.



61.3899, 0.2761, 0.3129



61.3899, 0.3436, 0.3269



61.3899, 0.2971, 0.3475

Square

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



61.3899, 0.3436, 0.3269



61.3899, 0.3346, 0.3630



61.3899, 0.2826, 0.3300



61.3899, 0.2906, 0.2966

Rectangle

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



61.3899, 0.3436, 0.3269



61.3899, 0.3497, 0.3528



61.3899, 0.2826, 0.3300



61.3899, 0.2769, 0.3041

Sweetspot

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



61.3927, 0.3436, 0.3269



91.3775, 0.3207, 0.3284



62.9183, 0.3126, 0.2868



19.3091, 0.3219, 0.3283



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.



61.3927, 0.3436, 0.3269



68.9289, 0.3507, 0.3265



69.5772, 0.3421, 0.3478



15.0663, 0.3285, 0.3279



9.8497, 0.6347, 0.3270



0.7778, 0.6204, 0.3191

Inverse Universe

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



61.3927, 0.3436, 0.3269



68.9289, 0.3507, 0.3265



68.2837, 0.2862, 0.3095



15.0663, 0.3285, 0.3279



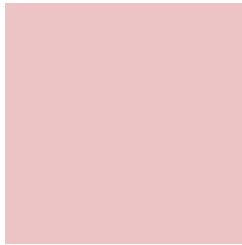
9.8497, 0.6347, 0.3270



0.7778, 0.6204, 0.3191

Previews

White Background



This preview shows how the Yxy color 61.3899, 0.3436, 0.3269 looks on a white background.

Color Contrast Check

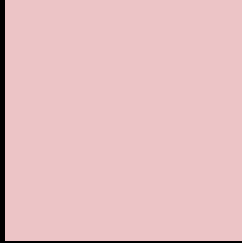
Large Text (above 18pt) WCAG AA × Fail

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 61.3899, 0.3436, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

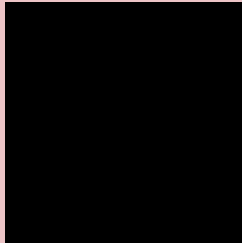
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3899, 0.3436, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 61.3899, 0.3436, 0.3269.



This preview shows how white text looks on a background with the Yxy color 61.3899, 0.3436, 0.3269.

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

61.3899, 0.3436, 0.3269

Protanopia

61.6761, 0.3180, 0.3313

Deuteranopia

61.5361, 0.3382, 0.3313



Tritanopia

61.1915, 0.3360, 0.3129

Trichromacy



Original Color

61.3899, 0.3436, 0.3269

Protanomaly

61.5182, 0.3267, 0.3302

Deuteranomaly

61.5752, 0.3408, 0.3302

Tritanomaly

61.4425, 0.3390, 0.3182

Monochromacy



Original Color

61.3899, 0.3436, 0.3269

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.4508, 0.3235, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3899, 0.3436, 0.3269 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(236, 196, 198)` looks like.

```
.text, #text, p{  
    color:rgb(236, 196, 198)  
}
```

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(236, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 196, 198) }
```

Border

The CSS property to change the border of an element to Yxy 61.3899, 0.3436, 0.3269 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(236, 196, 198) }
```

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

```
.border{ border-color:rgb(236, 196, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 196, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 196, 198);  
box-shadow:4px 4px 4px 4px rgb(236, 196,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3899, 0.3436, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 196, 198) }
```

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

```
.background{ background-color: rgb(236,  
196, 198) }
```

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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