

Converting Colors

Yxy(61.5612, 0.3147, 0.3199)

Have a look what the booklet for
Yxy(61.5612, 0.3147, 0.3199)
contains.

Yxy(61.5612, 0.3147, 0.3199)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.5612, 0.3147, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	D5CBD3
RGB	213, 203, 211
RGB Percent	84%, 80%, 83%
CMY	0.1646, 0.2039, 0.1726
CMYK	0.00, 0.05, 0.01, 0.16
HSL	312°, 11%, 82%
HSV	312°, 5%, 84%
XYZ	60.5605, 61.5612, 70.3172
YIQ	206.9020, 3.3920, 4.6080

Conversions

Conversions Part 2

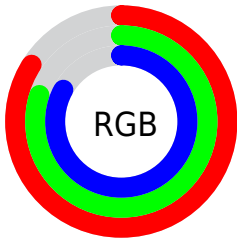
Format	Color
R_{YB}	213, 203, 211
Decimal	14011347
CIE Lab	82.68, 4.91, -2.74
CIE LCh	83, 5.619, 330.845
Yxy	61.5612, 0.3147, 0.3199
Android (android.graphics.Color)	4292201427 (0xFFD5CBD3)
YUV	206.9020, 2.0203, 5.3479
Hunter-Lab	78.4609, 0.4696, 1.7866

Details

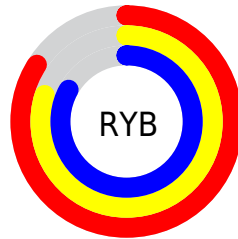
The Yxy color **61.5612, 0.3147, 0.3199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.7091, 0.3108, 0.3383**, and the grayscale version is **62.3194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.1983, 0.3143, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **51.9707, 0.3194, 0.3000**, and if you desaturate by 10%, it is **72.5454, 0.3107, 0.3389**.

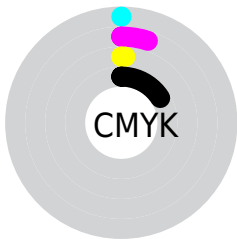
Distribution



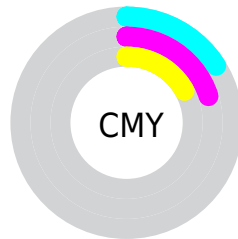
- Red (84%)
- Green (80%)
- Blue (83%)



- Red (84%)
- Yellow (80%)
- Blue (83%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5612, 0.3147, 0.3199 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 61.5612, 0.3147, 0.3199 by changing the saturation by 10% instead.

■ 61.5612, 0.3147,
0.3199

■ 61.5612, 0.3147,
0.3199

430.3287, 0.3138,
0.3242

■ 44.6782, 0.3149,
0.3189

107.0911, 0.3144,
0.3214

■ 31.2041, 0.3152,
0.3176

136.5068, 0.3143,
0.3220

■ 20.7543, 0.3155,
0.3160

170.8689, 0.3141,
0.3225

■ 12.9445, 0.3160,
0.3138

210.5617, 0.3140,
0.3229

■ 7.3903, 0.3166,
0.3108

255.9697, 0.3140,
0.3233

■ 3.7074, 0.3175,
0.3062

307.4773, 0.3139,

■ 1.5113, 0.3191,

0.3237

0.2987

365.4688, 0.3138,
0.3240

0.2966, 0.3313,
0.2446

0.0000, 0.0000,
0.0000

61.5612, 0.3147,
0.3199

61.5612, 0.3147,
0.3199

51.9707, 0.3194,
0.3000

72.5454, 0.3107,
0.3389

43.7097, 0.3248,
0.2795

84.9680, 0.3072,
0.3568

36.7211, 0.3310,
0.2592

91.0492, 0.3045,
0.3617

30.9404, 0.3378,
0.2396

91.2861, 0.3021,
0.3571

■ 26.2975, 0.3452,
0.2219

■ 91.5291, 0.2998,
0.3524

■ 22.7149, 0.3530,
0.2069

■ 91.7780, 0.2974,
0.3478

■ 20.1057, 0.3610,
0.1957

■ 92.0330, 0.2951,
0.3433

■ 18.3690, 0.3689,
0.1889

■ 92.2941, 0.2928,
0.3387

■ 17.3818, 0.3765,
0.1868

■ 92.5614, 0.2905,
0.3343

Harmonies

Analogous

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



61.5612, 0.3075, 0.3171



61.5612, 0.3147, 0.3199



61.5612, 0.3214, 0.3251

Triad

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



61.5612, 0.3147, 0.3199



61.5612, 0.3237, 0.3408



61.5612, 0.2998, 0.3264

Complementary

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



61.5612, 0.3147, 0.3199



64.7091, 0.3108, 0.3383

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.



61.5612, 0.3041, 0.3329



61.5612, 0.3147, 0.3199



61.5612, 0.3178, 0.3413

Square

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



61.5612, 0.3147, 0.3199



61.5612, 0.3267, 0.3371



61.5612, 0.3106, 0.3384



61.5612, 0.2990, 0.3207

Rectangle

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



61.5612, 0.3147, 0.3199



61.5612, 0.3247, 0.3293



61.5612, 0.3106, 0.3384



61.5612, 0.3009, 0.3286

Sweetspot

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



61.5639, 0.3147, 0.3199



98.3506, 0.3131, 0.3271



60.4952, 0.3072, 0.3174



21.0685, 0.3131, 0.3272



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.



61.5639, 0.3147, 0.3199



90.4258, 0.3153, 0.3173



61.3173, 0.3183, 0.3256



13.2023, 0.3155, 0.3162



10.4261, 0.3795, 0.1864



0.6400, 0.3675, 0.1798

Inverse Universe

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



61.5639, 0.3147, 0.3199



90.4258, 0.3153, 0.3173



64.9541, 0.3074, 0.3325



13.2023, 0.3155, 0.3162



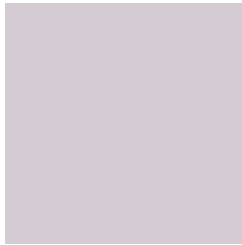
10.4261, 0.3795, 0.1864



0.6400, 0.3675, 0.1798

Previews

White Background



This preview shows how the Yxy color 61.5612, 0.3147, 0.3199 looks on a white background.

Color Contrast Check

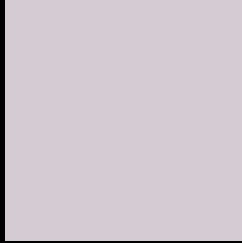
Large Text (above 18pt) WCAG AA × Fail

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 61.5612, 0.3147, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

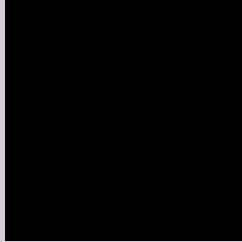
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

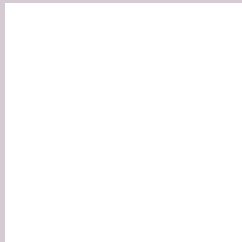
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5612, 0.3147, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 61.5612, 0.3147, 0.3199.



This preview shows how white text looks on a background with the Yxy color 61.5612, 0.3147, 0.3199.

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

61.5612, 0.3147, 0.3199

Protanopia

61.8260, 0.3101, 0.3210

Deuteranopia

61.2883, 0.3220, 0.3146



Tritanopia

61.5992, 0.3105, 0.3110

Trichromacy



Original Color

61.5612, 0.3147, 0.3199

Protanomaly

61.6408, 0.3116, 0.3199

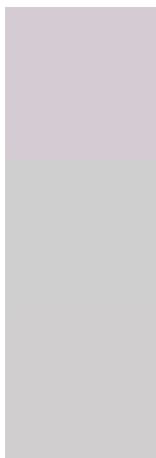
Deuteranomaly

61.1221, 0.3188, 0.3155

Tritanomaly

61.4435, 0.3126, 0.3143

Monochromacy



Original Color

61.5612, 0.3147, 0.3199

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.2520, 0.3136, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5612, 0.3147, 0.3199 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(213, 203, 211)` looks like.

```
.text, #text, p{  
    color:rgb(213, 203, 211)  
}
```

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(213, 203, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 203, 211) }
```

Border

The CSS property to change the border of an element to Yxy 61.5612, 0.3147, 0.3199 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(213, 203, 211) }
```

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

```
.border{ border-color:rgb(213, 203, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 203, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 203, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 203, 211);  
box-shadow:4px 4px 4px 4px rgb(213, 203,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5612, 0.3147, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 203, 211) }
```

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

```
.background{ background-color: rgb(213,  
203, 211) }
```

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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