

Converting Colors

Yxy(61.8117, 0.3108, 0.3259)

Have a look what the booklet for
Yxy(61.8117, 0.3108, 0.3259)
contains.

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Color

Yxy(61.8679, 0.3106, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	CECED1
RGB	206, 206, 209
RGB Percent	81%, 81%, 82%
CMY	0.1922, 0.1921, 0.1803
CMYK	0.01, 0.01, 0.00, 0.18
HSL	240°, 3%, 81%
HSV	240°, 1%, 82%
XYZ	59.0359, 61.8679, 69.1666
YIQ	206.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

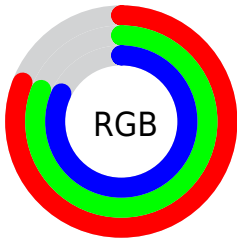
Format	Color
R _Y B	206, 206, 209
Decimal	13553361
CIE Lab	82.84, 0.56, -1.51
CIE LCh	83, 1.608, 290.392
Yxy	61.8679, 0.3106, 0.3255
Android (android.graphics.Color)	4291743441 (0xFFCECED1)
YUV	206.3420, 1.3104, -0.2999
Hunter-Lab	78.6562, -3.6740, 2.9224

Details

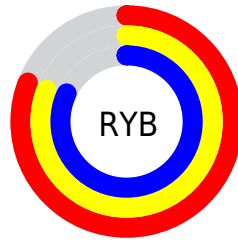
The Yxy color **61.8679, 0.3106, 0.3255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6276, 0.3148, 0.3325**, and the grayscale version is **61.9462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.4984, 0.3099, 0.3244** is the 20% darker color. If you saturate the color by 10%, you get **49.6737, 0.2948, 0.2994**, and if you desaturate by 10%, it is **75.8028, 0.3244, 0.3483**.

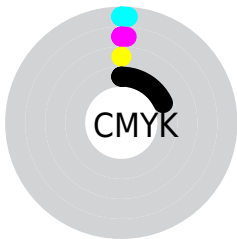
Distribution



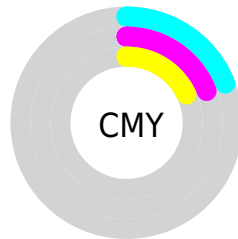
- Red (81%)
- Green (81%)
- Blue (82%)



- Red (81%)
- Yellow (81%)
- Blue (82%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8679, 0.3106, 0.3255 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 61.8679, 0.3106, 0.3255 by changing the saturation by 10% instead.

■ 61.8679, 0.3106,
0.3255

■ 61.8679, 0.3106,
0.3255

431.4491, 0.3116,
0.3272

■ 44.9260, 0.3104,
0.3251

107.5346, 0.3110,
0.3261

■ 31.3991, 0.3101,
0.3246

137.0281, 0.3111,
0.3263

■ 20.9030, 0.3097,
0.3240

171.4743, 0.3112,
0.3265

■ 13.0531, 0.3092,
0.3231

211.2576, 0.3113,
0.3267

■ 7.4651, 0.3084,
0.3219

256.7623, 0.3114,
0.3268

■ 3.7546, 0.3073,
0.3201

308.3729, 0.3115,

■ 1.5373, 0.3054,

0.3270

0.3170

366.4736, 0.3116,
0.3271

0.3148, 0.2908,
0.2926

0.0000, 0.0000,
0.0000

61.8679, 0.3106,
0.3255

61.8679, 0.3106,
0.3255

49.6737, 0.2948,
0.2994

75.8028, 0.3244,
0.3483

39.1443, 0.2769,
0.2698

91.5346, 0.3363,
0.3679

30.2099, 0.2571,
0.2371

97.3847, 0.3400,
0.3740

22.7928, 0.2360,
0.2022

■ 16.8087, 0.2145,
0.1666

■ 12.1651, 0.1939,
0.1327

■ 8.7589, 0.1761,
0.1031

■ 6.4718, 0.1624,
0.0805

■ 5.1627, 0.1538,
0.0663

Harmonies

Analogous

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



61.8679, 0.3092, 0.3259



61.8679, 0.3106, 0.3255



61.8679, 0.3126, 0.3260

Triad

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



61.8679, 0.3106, 0.3255



61.8679, 0.3167, 0.3308



61.8679, 0.3109, 0.3307

Complementary

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



61.8679, 0.3106, 0.3255



63.6276, 0.3148, 0.3325

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.



61.8679, 0.3129, 0.3321



61.8679, 0.3106, 0.3255



61.8679, 0.3163, 0.3321

Square

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



61.8679, 0.3106, 0.3255



61.8679, 0.3161, 0.3291



61.8679, 0.3148, 0.3326



61.8679, 0.3093, 0.3289

Rectangle

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



61.8679, 0.3106, 0.3255



61.8679, 0.3140, 0.3268



61.8679, 0.3148, 0.3326



61.8679, 0.3115, 0.3312

Sweetspot

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



61.8706, 0.3106, 0.3255

100.0000, 0.3127, 0.3290



63.3370, 0.3105, 0.3291



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



61.8706, 0.3106, 0.3255



95.8355, 0.3097, 0.3241



62.0802, 0.3117, 0.3255



13.4557, 0.3100, 0.3244



2.8394, 0.1500, 0.0600



0.1590, 0.1500, 0.0601

Inverse Universe

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



62.1586, 0.3150, 0.3290



96.4650, 0.3159, 0.3290



63.4158, 0.3137, 0.3325



13.5378, 0.3157, 0.3290



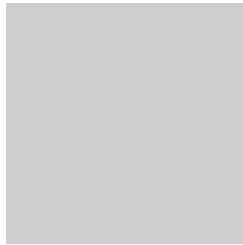
8.3579, 0.6400, 0.3300



0.4673, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 61.8679, 0.3106, 0.3255 looks on a white background.

Color Contrast Check

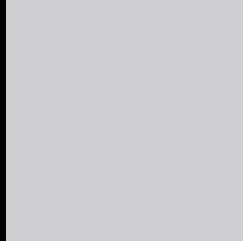
Large Text (above 18pt) WCAG AA × Fail

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 61.8679, 0.3106, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

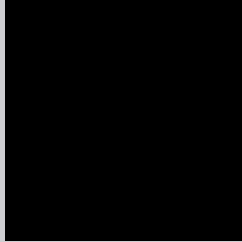
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

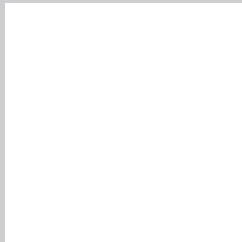
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8679, 0.3106, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 61.8679, 0.3106, 0.3255.

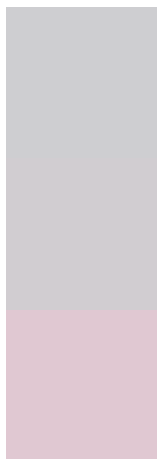


This preview shows how white text looks on a background with the Yxy color 61.8679, 0.3106, 0.3255.

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

61.8679, 0.3106, 0.3255

Protanopia

61.8214, 0.3129, 0.3244

Deuteranopia

61.8090, 0.3242, 0.3179



Tritanopia

61.7629, 0.3046, 0.3108

Trichromacy



Original Color

61.8679, 0.3106, 0.3255

Protanomaly

61.6760, 0.3122, 0.3244

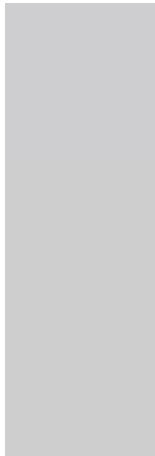
Deuteranomaly

61.6459, 0.3185, 0.3200

Tritanomaly

61.8859, 0.3065, 0.3164

Monochromacy



Original Color

61.8679, 0.3106, 0.3255

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7694, 0.3120, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8679, 0.3106, 0.3255 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(206, 206, 209) looks like.

```
.text, #text, p{  
    color:rgb(206, 206, 209)  
}
```

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(206, 206, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 206, 209) }
```

Border

The CSS property to change the border of an element to Yxy 61.8679, 0.3106, 0.3255 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(206, 206, 209) }
```

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

```
.border{ border-color:rgb(206, 206, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 206, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 206, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 206, 209);  
box-shadow:4px 4px 4px 4px rgb(206, 206,  
209) }
```

Background

The CSS property to change the background color of an element to $\text{Yxy } 61.8679, 0.3106, 0.3255$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 206, 209) }
```

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

```
.background{ background-color: rgb(206,  
206, 209) }
```

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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