

Converting Colors

Yxy(61.8574, 0.2972, 0.3103)

Have a look what the booklet for
Yxy(61.8574, 0.2972, 0.3103)
contains.

Yxy(61.6959, 0.2973, 0.3105)	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(61.6959, 0.2973, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	C8CEDE
RGB	200, 206, 222
RGB Percent	78%, 81%, 87%
CMY	0.2158, 0.1921, 0.1293
CMYK	0.10, 0.07, 0.00, 0.13
HSL	224°, 25%, 83%
HSV	224°, 10%, 87%
XYZ	59.0731, 61.6959, 77.9296
YIQ	206.0300, -8.7120, 3.7040

Conversions

Conversions Part 2

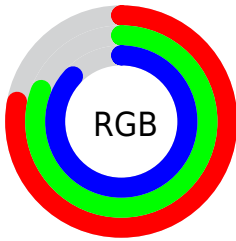
Format	Color
R _Y B	200, 205, 222
Decimal	13160158
CIE Lab	82.75, 1.05, -8.64
CIE LCh	83, 8.702, 276.897
Yxy	61.6959, 0.2973, 0.3105
Android (android.graphics.Color)	4291350238 (0xFFC8CEDE)
YUV	206.0300, 7.8732, -5.2883
Hunter-Lab	78.5467, -3.2113, -3.8414

Details

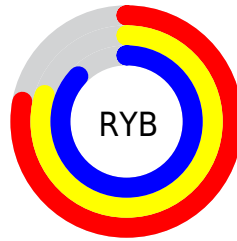
The Yxy color **61.6959, 0.2973, 0.3105** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.8157, 0.3282, 0.3468**, and the grayscale version is **61.6943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.3575, 0.2934, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **51.4897, 0.2805, 0.2896**, and if you desaturate by 10%, it is **73.1479, 0.3128, 0.3291**.

Distribution



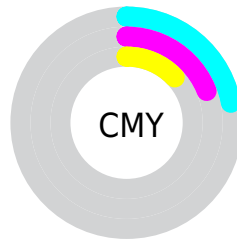
- Red (78%)
- Green (81%)
- Blue (87%)



- Red (78%)
- Yellow (80%)
- Blue (87%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6959, 0.2973, 0.3105 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 61.6959, 0.2973, 0.3105 by changing the saturation by 10% instead.

■ 61.6959, 0.2973,
0.3105

■ 61.6959, 0.2973,
0.3105

430.8210, 0.3046,
0.3193

■ 44.7870, 0.2956,
0.3084

107.2859, 0.2999,
0.3136

■ 31.2897, 0.2934,
0.3059

136.7358, 0.3009,
0.3148

■ 20.8196, 0.2906,
0.3026

171.1349, 0.3017,
0.3158

■ 12.9922, 0.2869,
0.2981

210.8674, 0.3025,
0.3167

■ 7.4232, 0.2817,
0.2920

256.3180, 0.3031,
0.3175

■ 3.7281, 0.2738,
0.2828

307.8708, 0.3037,

■ 1.5227, 0.2608,

0.3181

0.2675

365.9103, 0.3042,
0.3187

■ 0.3046, 0.2026,
0.1959

■ 0.0000, 0.0000,
0.0000

■ 61.6959, 0.2973,
0.3105

■ 61.6959, 0.2973,
0.3105

■ 51.4897, 0.2805,
0.2896

■ 73.1479, 0.3128,
0.3291

■ 42.4786, 0.2627,
0.2663

■ 85.8787, 0.3270,
0.3455

■ 34.6197, 0.2442,
0.2410

■ 97.6668, 0.3322,
0.3605

■ 27.8644, 0.2255,
0.2140

■ 98.0561, 0.3321,
0.3611

■ 22.1606, 0.2075,
0.1863

■ 17.4515, 0.1910,
0.1589

■ 13.6744, 0.1771,
0.1332

■ 10.7582, 0.1663,
0.1106

■ 8.6009, 0.1589,
0.0920

Harmonies

Analogous

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



61.6959, 0.2920, 0.3147



61.6959, 0.2973, 0.3105



61.6959, 0.3068, 0.3112

Triad

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



61.6959, 0.2973, 0.3105



61.6959, 0.3338, 0.3345



61.6959, 0.3072, 0.3422

Complementary

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



61.6959, 0.2973, 0.3105



68.8157, 0.3282, 0.3468

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.



61.6959, 0.3184, 0.3476



61.6959, 0.2973, 0.3105



61.6959, 0.3339, 0.3429

Square

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



61.6959, 0.2973, 0.3105



61.6959, 0.3279, 0.3248



61.6959, 0.3282, 0.3478



61.6959, 0.2976, 0.3330

Rectangle

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



61.6959, 0.2973, 0.3105



61.6959, 0.3142, 0.3142



61.6959, 0.3282, 0.3478



61.6959, 0.3109, 0.3445

Sweetspot

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



61.6985, 0.2973, 0.3105



95.0840, 0.3082, 0.3236



69.4858, 0.3014, 0.3361



20.0764, 0.3069, 0.3221



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.



61.6985, 0.2973, 0.3105



81.2823, 0.2938, 0.3062



59.5137, 0.3008, 0.3037



13.8508, 0.2981, 0.3115



5.2597, 0.1596, 0.0943



0.5117, 0.1679, 0.1245

Inverse Universe

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



61.2866, 0.3256, 0.3223



80.6570, 0.3288, 0.3207



71.2239, 0.3240, 0.3536



13.7619, 0.3249, 0.3226



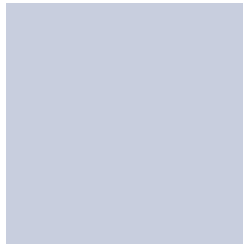
9.4390, 0.5845, 0.2993



0.6691, 0.5403, 0.2750

Previews

White Background



This preview shows how the Yxy color 61.6959, 0.2973, 0.3105 looks on a white background.

Color Contrast Check

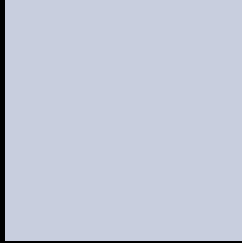
Large Text (above 18pt) WCAG AA × Fail

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 61.6959, 0.2973, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

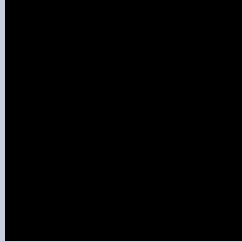
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

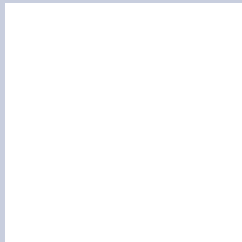
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6959, 0.2973, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 61.6959, 0.2973, 0.3105.

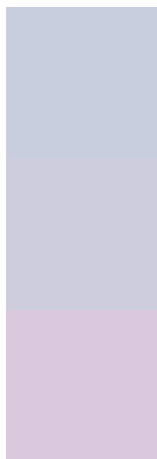


This preview shows how white text looks on a background with the Yxy color 61.6959, 0.2973, 0.3105.

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

61.6959, 0.2973, 0.3105

Protanopia

61.8622, 0.3016, 0.3107

Deuteranopia

61.5417, 0.3101, 0.3035



Tritanopia

61.6959, 0.2973, 0.3105

Trichromacy



Original Color

61.6959, 0.2973, 0.3105

Protanomaly

61.5796, 0.3002, 0.3106

Deuteranomaly

61.4177, 0.3048, 0.3053

Tritanomaly

61.6959, 0.2973, 0.3105

Monochromacy



Original Color

61.6959, 0.2973, 0.3105

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7334, 0.3070, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6959, 0.2973, 0.3105 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(200, 206, 222)` looks like.

```
.text, #text, p{  
    color:rgb(200, 206, 222)  
}
```

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(200, 206, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 206, 222) }
```

Border

The CSS property to change the border of an element to Yxy 61.6959, 0.2973, 0.3105 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(200, 206, 222) }
```

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

```
.border{ border-color:rgb(200, 206, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 206, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 206, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 206, 222);  
box-shadow:4px 4px 4px 4px rgb(200, 206,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6959, 0.2973, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 206, 222) }
```

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

```
.background{ background-color: rgb(200,  
206, 222) }
```

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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