

Converting Colors

Yxy(61.9925, 0.3096, 0.3154)

Have a look what the booklet for
Yxy(61.9925, 0.3096, 0.3154)
contains.

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Color

Yxy(61.9925, 0.3096, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	D3CCD8
RGB	211, 204, 216
RGB Percent	83%, 80%, 85%
CMY	0.1725, 0.2000, 0.1530
CMYK	0.02, 0.06, 0.00, 0.15
HSL	275°, 13%, 82%
HSV	275°, 6%, 85%
XYZ	60.8525, 61.9925, 73.7070
YIQ	207.4610, 0.3200, 5.2160

Conversions

Conversions Part 2

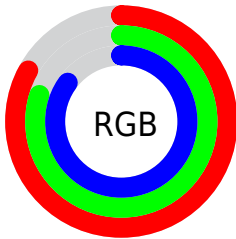
Format	Color
R _Y B	211, 204, 216
Decimal	13880536
CIE Lab	82.91, 4.61, -5.08
CIE LCh	83, 6.854, 312.226
Yxy	61.9925, 0.3096, 0.3154
Android (android.graphics.Color)	4292070616 (0xFFD3CCD8)
YUV	207.4610, 4.2097, 3.1037
Hunter-Lab	78.7353, 0.1713, -0.3888

Details

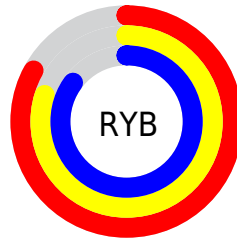
The Yxy color **61.9925, 0.3096, 0.3154** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0086, 0.3157, 0.3427**, and the grayscale version is **62.6840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.4538, 0.3085, 0.3125** is the 20% darker color. If you saturate the color by 10%, you get **51.1458, 0.3032, 0.2894**, and if you desaturate by 10%, it is **74.3416, 0.3150, 0.3395**.

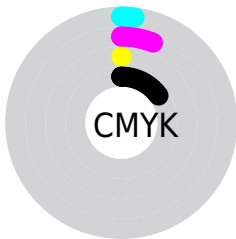
Distribution



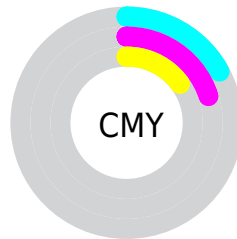
- Red (83%)
- Green (80%)
- Blue (85%)



- Red (83%)
- Yellow (80%)
- Blue (85%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9925, 0.3096, 0.3154 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 61.9925, 0.3096, 0.3154 by changing the saturation by 10% instead.

■ 61.9925, 0.3096,
0.3154

■ 61.9925, 0.3096,
0.3154

431.9037, 0.3111,
0.3218

■ 45.0266, 0.3092,
0.3139

107.7147, 0.3101,
0.3177

■ 31.4784, 0.3088,
0.3120

137.2398, 0.3103,
0.3185

■ 20.9634, 0.3082,
0.3096

171.7201, 0.3105,
0.3193

■ 13.0973, 0.3074,
0.3064

211.5401, 0.3107,
0.3199

■ 7.4956, 0.3062,
0.3020

257.0840, 0.3108,
0.3205

■ 3.7739, 0.3045,
0.2953

308.7363, 0.3109,

■ 1.5479, 0.3014,

0.3210

0.2844

366.8814, 0.3110,
0.3214

0.3221, 0.2894,
0.2227

0.0000, 0.0000,
0.0000

61.9925, 0.3096,
0.3154

61.9925, 0.3096,
0.3154

51.1458, 0.3032,
0.2894

74.3416, 0.3150,
0.3395

41.7342, 0.2957,
0.2618

88.2412, 0.3195,
0.3615

33.6967, 0.2871,
0.2333

94.6270, 0.3246,
0.3685

26.9652, 0.2775,
0.2047

96.2121, 0.3304,
0.3678

■ 21.4653, 0.2670,
0.1771

■ 97.7366, 0.3358,
0.3671

■ 17.1149, 0.2560,
0.1519

■ 13.8218, 0.2447,
0.1304

■ 11.4787, 0.2338,
0.1136

■ 9.9541, 0.2235,
0.1021

Harmonies

Analogous

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



61.9925, 0.3017, 0.3142



61.9925, 0.3096, 0.3154



61.9925, 0.3184, 0.3201

Triad

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



61.9925, 0.3096, 0.3154



61.9925, 0.3288, 0.3409



61.9925, 0.2998, 0.3308

Complementary

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



61.9925, 0.3096, 0.3154



67.0086, 0.3157, 0.3427

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.



61.9925, 0.3069, 0.3382



61.9925, 0.3096, 0.3154



61.9925, 0.3237, 0.3441

Square

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



61.9925, 0.3096, 0.3154



61.9925, 0.3296, 0.3347



61.9925, 0.3157, 0.3431



61.9925, 0.2961, 0.3230

Rectangle

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



61.9925, 0.3096, 0.3154



61.9925, 0.3236, 0.3246



61.9925, 0.3157, 0.3431



61.9925, 0.3019, 0.3334

Sweetspot

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



61.9952, 0.3096, 0.3154



96.3908, 0.3116, 0.3241



63.3911, 0.3043, 0.3210



20.6694, 0.3117, 0.3244



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.



61.9952, 0.3096, 0.3154



87.7604, 0.3087, 0.3116



62.6874, 0.3141, 0.3167



12.8152, 0.3084, 0.3104



5.6503, 0.2206, 0.0989



0.3888, 0.2376, 0.1083

Inverse Universe

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



62.3836, 0.3184, 0.3234



88.4798, 0.3200, 0.3218



66.3449, 0.3114, 0.3416



12.9281, 0.3205, 0.3214



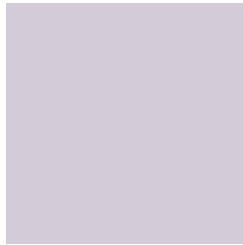
9.0927, 0.5307, 0.2697



0.5647, 0.4859, 0.2450

Previews

White Background



This preview shows how the Yxy color 61.9925, 0.3096, 0.3154 looks on a white background.

Color Contrast Check

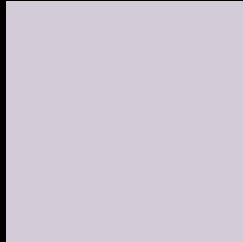
Large Text (above 18pt) WCAG AA × Fail

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 61.9925, 0.3096, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

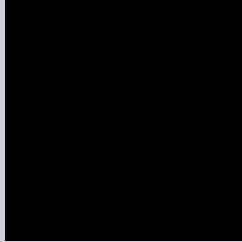
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

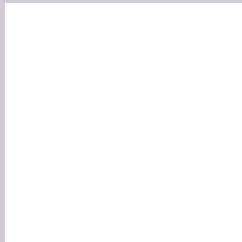
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9925, 0.3096, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 61.9925, 0.3096, 0.3154.

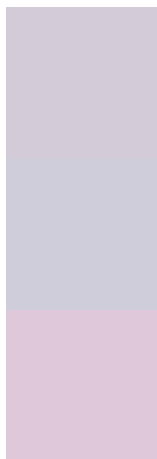


This preview shows how white text looks on a background with the Yxy color 61.9925, 0.3096, 0.3154.

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

61.9925, 0.3096, 0.3154

Protanopia

61.9378, 0.3059, 0.3153

Deuteranopia

61.8479, 0.3175, 0.3102



Tritanopia

61.8234, 0.3083, 0.3109

Trichromacy



Original Color

61.9925, 0.3096, 0.3154

Protanomaly

62.0823, 0.3066, 0.3153

Deuteranomaly

61.6885, 0.3143, 0.3111

Tritanomaly

61.7709, 0.3090, 0.3120

Monochromacy



Original Color

61.9925, 0.3096, 0.3154

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.2057, 0.3114, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9925, 0.3096, 0.3154 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(211, 204, 216)` looks like.

```
.text, #text, p{  
    color:rgb(211, 204, 216)  
}
```

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(211, 204, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 204, 216) }
```

Border

The CSS property to change the border of an element to Yxy 61.9925, 0.3096, 0.3154 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(211, 204, 216) }
```

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

```
.border{ border-color:rgb(211, 204, 216) }
```

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

Here you see how a box with a 4 pixel rgb(211, 204, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 204, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 204, 216);  
box-shadow:4px 4px 4px 4px rgb(211, 204,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9925, 0.3096, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 204, 216) }
```

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

```
.background{ background-color: rgb(211,  
204, 216) }
```

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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