

Converting Colors

Yxy(61.9324, 0.3112, 0.3150)

Have a look what the booklet for
Yxy(61.9324, 0.3112, 0.3150)
contains.

Yxy(61.8159, 0.3111, 0.3143)	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(61.8159, 0.3111, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	D5CBD8
RGB	213, 203, 216
RGB Percent	84%, 80%, 85%
CMY	0.1648, 0.2039, 0.1529
CMYK	0.01, 0.06, 0.00, 0.15
HSL	286°, 14%, 82%
HSV	286°, 6%, 85%
XYZ	61.1865, 61.8159, 73.6756
YIQ	207.4720, 1.7870, 6.1630

Conversions

Conversions Part 2

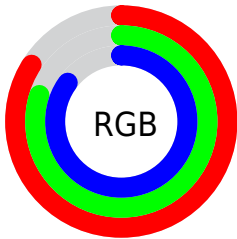
Format	Color
R _Y B	213, 203, 216
Decimal	14011352
CIE Lab	82.82, 5.80, -5.21
CIE LCh	83, 7.797, 318.046
Yxy	61.8159, 0.3111, 0.3143
Android (android.graphics.Color)	4292201432 (0xFFD5CBD8)
YUV	207.4720, 4.2043, 4.8481
Hunter-Lab	78.6231, 1.3229, -0.5229

Details

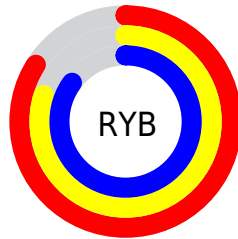
The Yxy color **61.8159, 0.3111, 0.3143** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5547, 0.3142, 0.3439**, and the grayscale version is **62.6885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.3372, 0.3105, 0.3111** is the 20% darker color. If you saturate the color by 10%, you get **51.5753, 0.3079, 0.2888**, and if you desaturate by 10%, it is **73.5066, 0.3137, 0.3384**.

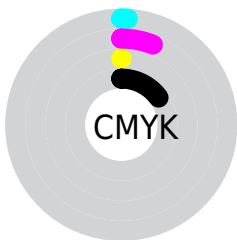
Distribution



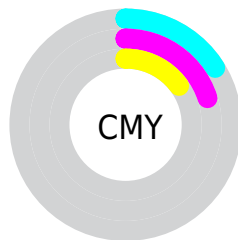
- Red (84%)
- Green (80%)
- Blue (85%)



- Red (84%)
- Yellow (80%)
- Blue (85%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8159, 0.3111, 0.3143 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 61.8159, 0.3111, 0.3143 by changing the saturation by 10% instead.

■ 61.8159, 0.3111,
0.3143

■ 61.8159, 0.3111,
0.3143

431.2592, 0.3119,
0.3212

■ 44.8840, 0.3109,
0.3127

107.4594, 0.3114,
0.3167

■ 31.3660, 0.3107,
0.3107

136.9398, 0.3115,
0.3177

■ 20.8777, 0.3103,
0.3081

171.3717, 0.3116,
0.3185

■ 13.0347, 0.3099,
0.3046

211.1397, 0.3117,
0.3192

■ 7.4524, 0.3092,
0.2998

256.6280, 0.3117,
0.3198

■ 3.7466, 0.3082,
0.2927

308.2211, 0.3118,

■ 1.5329, 0.3063,

0.3203

0.2810

366.3034, 0.3119,
0.3208

0.3117, 0.3012,
0.2145

0.0000, 0.0000,
0.0000

61.8159, 0.3111,
0.3143

61.8159, 0.3111,
0.3143

51.5753, 0.3079,
0.2888

73.5066, 0.3137,
0.3384

42.7181, 0.3042,
0.2623

86.6948, 0.3157,
0.3608

35.1844, 0.2998,
0.2356

92.9852, 0.3183,
0.3692

28.9066, 0.2947,
0.2095

93.8210, 0.3215,
0.3688

■ 23.8112, 0.2891,
0.1852

■ 94.6809, 0.3248,
0.3684

■ 19.8167, 0.2831,
0.1637

■ 95.5652, 0.3280,
0.3680

■ 16.8312, 0.2768,
0.1460

■ 96.4741, 0.3313,
0.3676

■ 14.7479, 0.2705,
0.1328

■ 97.4078, 0.3346,
0.3672

■ 13.4338, 0.2644,
0.1243

■ 97.7382, 0.3357,
0.3671

Harmonies

Analogous

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



61.8159, 0.3017, 0.3121



61.8159, 0.3111, 0.3143



61.8159, 0.3210, 0.3203

Triad

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



61.8159, 0.3111, 0.3143



61.8159, 0.3303, 0.3436



61.8159, 0.2969, 0.3292

Complementary

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



61.8159, 0.3111, 0.3143



66.5547, 0.3142, 0.3439

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.



61.8159, 0.3043, 0.3380



61.8159, 0.3111, 0.3143



61.8159, 0.3236, 0.3464

Square

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



61.8159, 0.3111, 0.3143



61.8159, 0.3322, 0.3370



61.8159, 0.3141, 0.3443



61.8159, 0.2936, 0.3205

Rectangle

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



61.8159, 0.3111, 0.3143



61.8159, 0.3266, 0.3256



61.8159, 0.3141, 0.3443



61.8159, 0.2989, 0.3323

Sweetspot

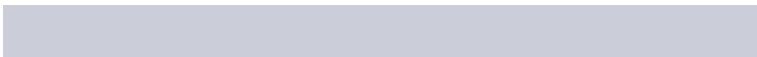
The Sweet Spot groups the original color and five complimentary colors.



61.8186, 0.3111, 0.3143



96.5644, 0.3122, 0.3241



61.8202, 0.3036, 0.3175



20.7047, 0.3122, 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.



61.8186, 0.3111, 0.3143



88.3548, 0.3108, 0.3117



62.0982, 0.3159, 0.3183



12.9084, 0.3107, 0.3105



7.7625, 0.2629, 0.1222



0.5044, 0.2734, 0.1280

Inverse Universe

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



61.7756, 0.3206, 0.3256



88.2847, 0.3221, 0.3250



66.2924, 0.3097, 0.3400



12.8976, 0.3227, 0.3247



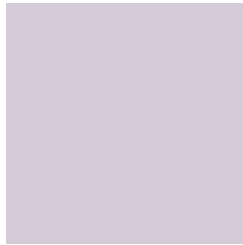
8.7930, 0.5969, 0.3062



0.5433, 0.5473, 0.2789

Previews

White Background



This preview shows how the Yxy color 61.8159, 0.3111, 0.3143 looks on a white background.

Color Contrast Check

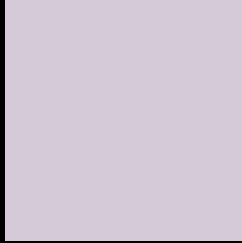
Large Text (above 18pt) WCAG AA × Fail

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 61.8159, 0.3111, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

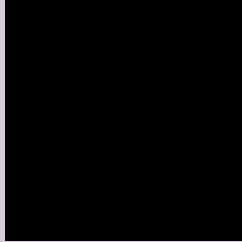
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8159, 0.3111, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 61.8159, 0.3111, 0.3143.

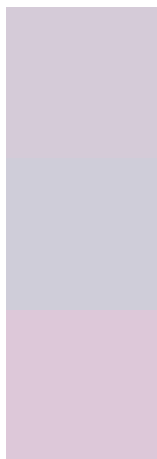


This preview shows how white text looks on a background with the Yxy color 61.8159, 0.3111, 0.3143.

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

61.8159, 0.3111, 0.3143

Protanopia

61.9378, 0.3059, 0.3153

Deuteranopia

61.6905, 0.3167, 0.3101



Tritanopia

61.9725, 0.3090, 0.3110

Trichromacy



Original Color

61.8159, 0.3111, 0.3143

Protanomaly

61.7508, 0.3074, 0.3142

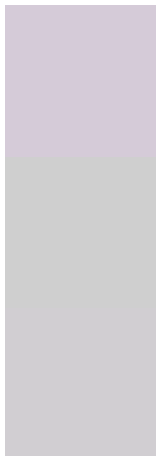
Deuteranomaly

61.6885, 0.3143, 0.3111

Tritanomaly

61.9200, 0.3097, 0.3121

Monochromacy



Original Color

61.8159, 0.3111, 0.3143

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.3511, 0.3122, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8159, 0.3111, 0.3143 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(213, 203, 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(213, 203, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 203, 216) }
```

Border

The CSS property to change the border of an element to Yxy 61.8159, 0.3111, 0.3143 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, 216) }
```

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

```
.border{ border-color:rgb(213, 203, 216) }
```

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, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 203, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 203, 216);  
box-shadow:4px 4px 4px 4px rgb(213, 203,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8159, 0.3111, 0.3143 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, 216) }
```

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

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