

Converting Colors

Yxy(61.1795, 0.3106, 0.3118)

Have a look what the booklet for
Yxy(61.1795, 0.3106, 0.3118)
contains.

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Color

Yxy(61.3969, 0.3105, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	D5CAD9
RGB	213, 202, 217
RGB Percent	84%, 79%, 85%
CMY	0.1644, 0.2079, 0.1490
CMYK	0.02, 0.07, 0.00, 0.15
HSL	284°, 17%, 82%
HSV	284°, 7%, 85%
XYZ	61.1017, 61.3969, 74.2863
YIQ	206.9990, 1.7410, 6.9970

Conversions

Conversions Part 2

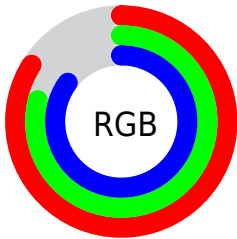
Format	Color
RYB	213, 202, 217
Decimal	14011097
CIELab	82.59, 6.56, -6.08
CIELCh	83, 8.948, 317.180
Yxy	61.3969, 0.3105, 0.3120
Android (android.graphics.Color)	4292201177 (0xFFD5CAD9)
YUV	206.9990, 4.9305, 5.2629
Hunter-Lab	78.3562, 2.0700, -1.3611

Details

The Yxy color **61.3969, 0.3105, 0.3120** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0091, 0.3148, 0.3463**, and the grayscale version is **62.3702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.0575, 0.3096, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **51.0854, 0.3067, 0.2863**, and if you desaturate by 10%, it is **73.1756, 0.3136, 0.3363**.

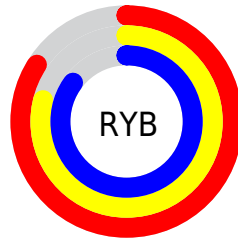
Distribution



Red (84%)

Green (79%)

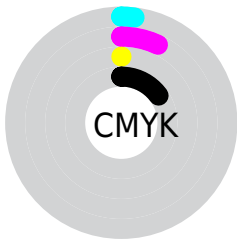
Blue (85%)



Red (84%)

Yellow (79%)

Blue (85%)

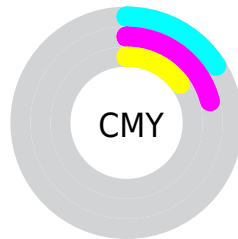


Cyan (2%)

Magenta (7%)

Yellow (0%)

Black (15%)



Cyan (16%)

Magenta (21%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3969, 0.3105, 0.3120 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 61.3969, 0.3105, 0.3120 by changing the saturation by 10% instead.

■ 61.3969, 0.3105,
0.3120

■ 61.3969, 0.3105,
0.3120

429.7278, 0.3116,
0.3200

■ 44.5456, 0.3102,
0.3101

106.8534, 0.3109,
0.3148

■ 31.0996, 0.3099,
0.3078

136.2274, 0.3110,
0.3159

■ 20.6747, 0.3094,
0.3048

170.5443, 0.3112,
0.3168

■ 12.8864, 0.3088,
0.3008

210.1886, 0.3113,
0.3176

■ 7.3504, 0.3079,
0.2953

255.5448, 0.3114,
0.3183

■ 3.6822, 0.3065,
0.2871

306.9971, 0.3115,

■ 1.4974, 0.3039,

0.3190

0.2737

364.9299, 0.3115,
0.3195

0.2869, 0.2970,
0.1969

0.0000, 0.0000,
0.0000

61.3969, 0.3105,
0.3120

61.3969, 0.3105,
0.3120

51.0854, 0.3067,
0.2863

73.1756, 0.3136,
0.3363

42.1735, 0.3023,
0.2595

86.4699, 0.3161,
0.3588

34.5998, 0.2971,
0.2325

93.3801, 0.3191,
0.3680

28.2956, 0.2912,
0.2061

94.3390, 0.3227,
0.3675

■ 23.1855, 0.2848,
0.1814

■ 95.3290, 0.3264,
0.3671

■ 19.1864, 0.2779,
0.1596

■ 96.3503, 0.3301,
0.3667

■ 16.2040, 0.2707,
0.1418

■ 97.4033, 0.3338,
0.3662

■ 14.1283, 0.2636,
0.1285

■ 97.7906, 0.3351,
0.3661

■ 12.8157, 0.2567,
0.1198

Harmonies

Analogous

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



61.3969, 0.2998, 0.3096



61.3969, 0.3105, 0.3120



61.3969, 0.3220, 0.3187

Triad

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



61.3969, 0.3105, 0.3120



61.3969, 0.3331, 0.3456



61.3969, 0.2947, 0.3295

Complementary

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



61.3969, 0.3105, 0.3120



67.0091, 0.3148, 0.3463

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.



61.3969, 0.3033, 0.3396



61.3969, 0.3105, 0.3120



61.3969, 0.3255, 0.3490

Square

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



61.3969, 0.3105, 0.3120



61.3969, 0.3352, 0.3379



61.3969, 0.3146, 0.3468



61.3969, 0.2908, 0.3195

Rectangle

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



61.3969, 0.3105, 0.3120



61.3969, 0.3285, 0.3248



61.3969, 0.3146, 0.3468



61.3969, 0.2971, 0.3330

Sweetspot

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



61.3995, 0.3105, 0.3120



96.5361, 0.3121, 0.3241



61.7028, 0.3021, 0.3162



20.6990, 0.3121, 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.



61.3995, 0.3105, 0.3120



86.6663, 0.3101, 0.3091



61.8166, 0.3160, 0.3160



13.0940, 0.3096, 0.3057



7.6127, 0.2556, 0.1182



0.5340, 0.2667, 0.1243

Inverse Universe

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



61.4393, 0.3215, 0.3246



86.7365, 0.3231, 0.3238



66.6196, 0.3096, 0.3423



13.1074, 0.3251, 0.3229



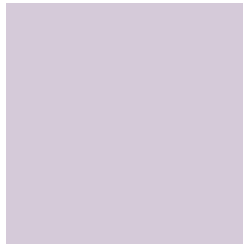
9.1234, 0.5879, 0.3012



0.6052, 0.5410, 0.2754

Previews

White Background



This preview shows how the Yxy color 61.3969, 0.3105, 0.3120 looks on a white background.

Color Contrast Check

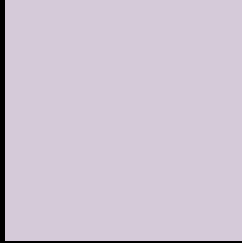
Large Text (above 18pt) WCAG AA × Fail

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 61.3969, 0.3105, 0.3120 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

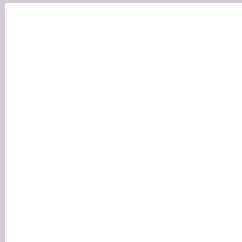
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3969, 0.3105, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 61.3969, 0.3105, 0.3120.

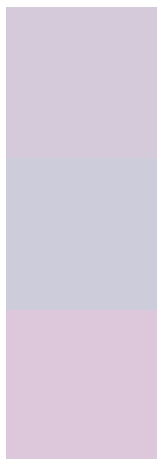


This preview shows how white text looks on a background with the Yxy color 61.3969, 0.3105, 0.3120.

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

61.3969, 0.3105, 0.3120

Protanopia

61.2268, 0.3037, 0.3129

Deuteranopia

61.5862, 0.3152, 0.3090



Tritanopia

61.4491, 0.3098, 0.3109

Trichromacy



Original Color

61.3969, 0.3105, 0.3120

Protanomaly

61.1837, 0.3060, 0.3119

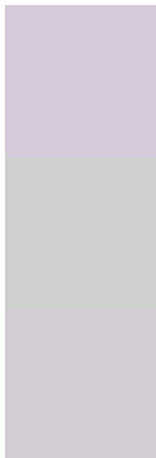
Deuteranomaly

61.5870, 0.3128, 0.3100

Tritanomaly

61.4491, 0.3098, 0.3109

Monochromacy



Original Color

61.3969, 0.3105, 0.3120

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.9211, 0.3115, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3969, 0.3105, 0.3120 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, 202, 217)` looks like.

```
.text, #text, p{  
    color:rgb(213, 202, 217)  
}
```

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, 202, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 202, 217) }
```

Border

The CSS property to change the border of an element to Yxy 61.3969, 0.3105, 0.3120 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, 202, 217) }
```

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

```
.border{ border-color:rgb(213, 202, 217) }
```

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

Here you see how a box with a 4 pixel rgb(213, 202, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 202, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 202, 217);  
box-shadow:4px 4px 4px 4px rgb(213, 202,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3969, 0.3105, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 202, 217) }
```

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

```
.background{ background-color: rgb(213,  
202, 217) }
```

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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