

Converting Colors

Yxy(59.6071, 0.3121, 0.3090)

Have a look what the booklet for
Yxy(59.6071, 0.3121, 0.3090)
contains.

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Color

Yxy(59.6422, 0.3121, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	D6C6D8
RGB	214, 198, 216
RGB Percent	84%, 78%, 85%
CMY	0.1608, 0.2235, 0.1529
CMYK	0.01, 0.08, 0.00, 0.15
HSL	293°, 19%, 81%
HSV	293°, 8%, 85%
XYZ	60.3186, 59.6422, 73.3062
YIQ	204.8360, 3.7580, 8.9900

Conversions

Conversions Part 2

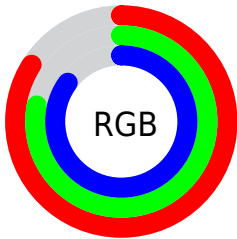
Format	Color
R _Y B	214, 198, 216
Decimal	14075608
CIE Lab	81.64, 8.80, -6.94
CIE LCh	82, 11.207, 321.741
Yxy	59.6422, 0.3121, 0.3086
Android (android.graphics.Color)	4292265688 (0xFFD6C6D8)
YUV	204.8360, 5.5039, 8.0368
Hunter-Lab	77.2284, 4.2665, -2.2190

Details

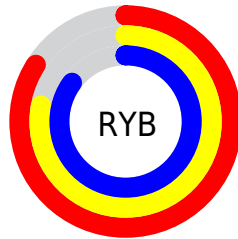
The Yxy color **59.6422, 0.3121, 0.3086** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4794, 0.3132, 0.3501**, and the grayscale version is **60.9043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.8907, 0.3118, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **50.1007, 0.3111, 0.2833**, and if you desaturate by 10%, it is **70.6025, 0.3128, 0.3330**.

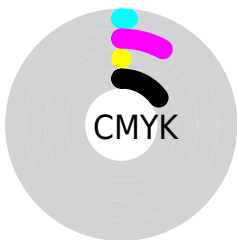
Distribution



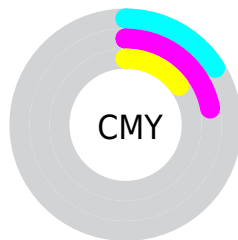
- Red (84%)
- Green (78%)
- Blue (85%)



- Red (84%)
- Yellow (78%)
- Blue (85%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6422, 0.3121, 0.3086 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 59.6422, 0.3121, 0.3086 by changing the saturation by 10% instead.

■ 59.6422, 0.3121,
0.3086

■ 59.6422, 0.3121,
0.3086

423.2777, 0.3125,
0.3182

■ 43.1303, 0.3120,
0.3063

104.3105, 0.3122,
0.3120

■ 29.9874, 0.3119,
0.3035

133.2356, 0.3123,
0.3133

■ 19.8290, 0.3117,
0.2999

167.0673, 0.3123,
0.3144

■ 12.2708, 0.3114,
0.2951

206.1899, 0.3124,
0.3154

■ 6.9284, 0.3109,
0.2885

250.9879, 0.3124,
0.3162

■ 3.4174, 0.3102,
0.2785

301.8456, 0.3124,

■ 1.3533, 0.3086,

0.3170

0.2622

359.1474, 0.3124,
0.3176

0.1819, 0.3095,
0.1452

0.0000, 0.0000,
0.0000

59.6422, 0.3121,
0.3086

59.6422, 0.3121,
0.3086

50.1007, 0.3111,
0.2833

70.6025, 0.3128,
0.3330

41.9111, 0.3098,
0.2575

83.0299, 0.3133,
0.3560

35.0123, 0.3082,
0.2322

91.8936, 0.3141,
0.3697

29.3358, 0.3062,
0.2083

92.2781, 0.3156,
0.3695

■ 24.8064, 0.3040,
0.1868

■ 92.6682, 0.3171,
0.3693

■ 21.3409, 0.3014,
0.1686

■ 93.0639, 0.3186,
0.3692

■ 18.8446, 0.2987,
0.1545

■ 93.4652, 0.3202,
0.3690

■ 17.2061, 0.2958,
0.1448

■ 93.8720, 0.3217,
0.3688

■ 16.2606, 0.2929,
0.1392

■ 94.2845, 0.3233,
0.3686

Harmonies

Analogous

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



59.6422, 0.2982, 0.3047



59.6422, 0.3121, 0.3086



59.6422, 0.3264, 0.3177

Triad

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



59.6422, 0.3121, 0.3086



59.6422, 0.3375, 0.3510



59.6422, 0.2888, 0.3275

Complementary

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



59.6422, 0.3121, 0.3086



65.4794, 0.3132, 0.3501

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.



59.6422, 0.2989, 0.3407



59.6422, 0.3121, 0.3086



59.6422, 0.3270, 0.3544

Square

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



59.6422, 0.3121, 0.3086



59.6422, 0.3413, 0.3419



59.6422, 0.3128, 0.3507



59.6422, 0.2850, 0.3152

Rectangle

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



59.6422, 0.3121, 0.3086



59.6422, 0.3342, 0.3255



59.6422, 0.3128, 0.3507



59.6422, 0.2915, 0.3320

Sweetspot

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



59.6448, 0.3121, 0.3086



95.0531, 0.3125, 0.3217



58.3242, 0.2999, 0.3103



20.0693, 0.3125, 0.3197



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.



59.6448, 0.3121, 0.3086



84.2561, 0.3119, 0.3042



59.6016, 0.3187, 0.3164



12.5585, 0.3120, 0.3059



9.5757, 0.2929, 0.1387



0.5982, 0.2980, 0.1415

Inverse Universe

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



59.1643, 0.3255, 0.3267



83.4228, 0.3285, 0.3262



65.5283, 0.3071, 0.3419



12.4433, 0.3274, 0.3264



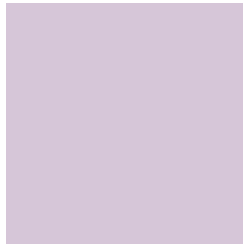
8.6888, 0.6256, 0.3220



0.5319, 0.5904, 0.3026

Previews

White Background



This preview shows how the Yxy color 59.6422, 0.3121, 0.3086 looks on a white background.

Color Contrast Check

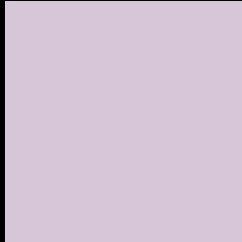
Large Text (above 18pt) WCAG AA × Fail

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 59.6422, 0.3121, 0.3086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

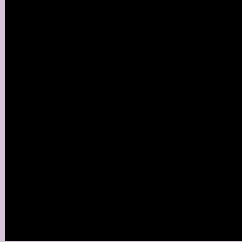
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

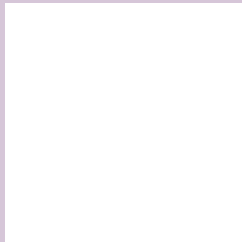
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6422, 0.3121, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 59.6422, 0.3121, 0.3086.



This preview shows how white text looks on a background with the Yxy color 59.6422, 0.3121, 0.3086.

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

59.6422, 0.3121, 0.3086

Protanopia

59.8596, 0.3015, 0.3105

Deuteranopia

59.6421, 0.3145, 0.3076



Tritanopia

59.5393, 0.3136, 0.3108

Trichromacy



Original Color

59.6422, 0.3121, 0.3086

Protanomaly

59.9049, 0.3052, 0.3106

Deuteranomaly

59.4893, 0.3137, 0.3076

Tritanomaly

59.5906, 0.3128, 0.3097

Monochromacy



Original Color

59.6422, 0.3121, 0.3086

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.2544, 0.3123, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6422, 0.3121, 0.3086 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(214, 198, 216)` looks like.

```
.text, #text, p{  
    color:rgb(214, 198, 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(214, 198, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 198, 216) }
```

Border

The CSS property to change the border of an element to Yxy 59.6422, 0.3121, 0.3086 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(214, 198, 216) }
```

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

```
.border{ border-color:rgb(214, 198, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 198, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 198, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 198, 216);  
box-shadow:4px 4px 4px 4px rgb(214, 198,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6422, 0.3121, 0.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 198, 216) }
```

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

```
.background{ background-color: rgb(214,  
198, 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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