

Converting Colors

$Y_{xy}(59.3760, 0.3207, 0.3119)$

Have a look what the booklet for
Yxy(59.3760, 0.3207, 0.3119)
contains.

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Color

Yxy(59.3986, 0.3206, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	DCC4D3
RGB	220, 196, 211
RGB Percent	86%, 77%, 83%
CMY	0.1373, 0.2314, 0.1724
CMYK	0.00, 0.11, 0.04, 0.14
HSL	322°, 26%, 82%
HSV	322°, 11%, 86%
XYZ	61.0163, 59.3986, 69.9042
YIQ	204.8860, 9.4890, 9.7530

Conversions

Conversions Part 2

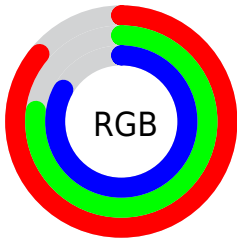
Format	Color
R _Y B	220, 196, 211
Decimal	14468307
CIE Lab	81.51, 11.02, -4.41
CIE LCh	82, 11.875, 338.177
Yxy	59.3986, 0.3206, 0.3121
Android (android.graphics.Color)	4292658387 (0xFFDCC4D3)
YUV	204.8860, 3.0142, 13.2550
Hunter-Lab	77.0705, 6.4442, 0.1723

Details

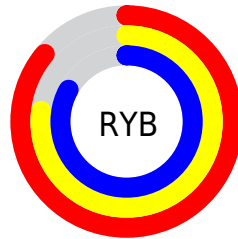
The Yxy color **59.3986, 0.3206, 0.3121** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.3269, 0.3056, 0.3465**, and the grayscale version is **60.9526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **29.7797, 0.3223, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **49.7919, 0.3293, 0.2959**, and if you desaturate by 10%, it is **70.4867, 0.3133, 0.3276**.

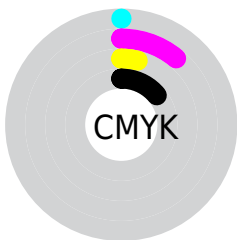
Distribution



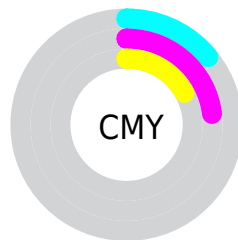
- Red (86%)
- Green (77%)
- Blue (83%)



- Red (86%)
- Yellow (77%)
- Blue (83%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (14%)



- Cyan (14%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3986, 0.3206, 0.3121 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 59.3986, 0.3206, 0.3121 by changing the saturation by 10% instead.

■ 59.3986, 0.3206,
0.3121

■ 59.3986, 0.3206,
0.3121

422.3775, 0.3169,
0.3201

■ 42.9341, 0.3215,
0.3102

103.9568, 0.3193,
0.3149

■ 29.8334, 0.3226,
0.3079

132.8192, 0.3188,
0.3160

■ 19.7122, 0.3240,
0.3049

166.5830, 0.3184,
0.3169

■ 12.1860, 0.3258,
0.3009

205.6327, 0.3180,
0.3177

■ 6.8705, 0.3284,
0.2953

250.3526, 0.3177,
0.3184

■ 3.3812, 0.3323,
0.2869

301.1271, 0.3174,

■ 1.3339, 0.3388,

0.3191

0.2730

358.3406, 0.3171,
0.3196

0.1672, 0.3942,
0.1540

0.0000, 0.0000,
0.0000

59.3986, 0.3206,
0.3121

59.3986, 0.3206,
0.3121

49.7919, 0.3293,
0.2959

70.4867, 0.3133,
0.3276

41.5955, 0.3395,
0.2793

83.1079, 0.3072,
0.3422

34.7439, 0.3513,
0.2630

92.7724, 0.3022,
0.3489

29.1634, 0.3648,
0.2478

93.2599, 0.2977,
0.3403

■ 24.7733, 0.3798,
0.2347

■ 93.7695, 0.2933,
0.3319

■ 21.4833, 0.3961,
0.2248

■ 93.9553, 0.2917,
0.3289

■ 19.1903, 0.4130,
0.2193

■ 17.7712, 0.4298,
0.2189

■ 17.0472, 0.4449,
0.2224

Harmonies

Analogous

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



59.3986, 0.3051, 0.3047



59.3986, 0.3206, 0.3121



59.3986, 0.3343, 0.3238

Triad

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



59.3986, 0.3206, 0.3121



59.3986, 0.3336, 0.3552



59.3986, 0.2842, 0.3199

Complementary

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



59.3986, 0.3206, 0.3121



67.3269, 0.3056, 0.3465

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.



59.3986, 0.2915, 0.3339



59.3986, 0.3206, 0.3121



59.3986, 0.3198, 0.3547

Square

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



59.3986, 0.3206, 0.3121



59.3986, 0.3418, 0.3485



59.3986, 0.3044, 0.3469



59.3986, 0.2844, 0.3088

Rectangle

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



59.3986, 0.3206, 0.3121



59.3986, 0.3403, 0.3326



59.3986, 0.3044, 0.3469



59.3986, 0.2859, 0.3244

Sweetspot

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



59.4012, 0.3206, 0.3121



95.0333, 0.3148, 0.3244



57.5986, 0.3023, 0.3013



20.0640, 0.3153, 0.3232



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.



59.4012, 0.3206, 0.3121



79.8715, 0.3224, 0.3086



58.8288, 0.3296, 0.3254



13.1881, 0.3194, 0.3144



10.0273, 0.4425, 0.2211



0.6661, 0.4175, 0.2073

Inverse Universe

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



59.4012, 0.3206, 0.3121



79.8715, 0.3224, 0.3086



67.9205, 0.2980, 0.3326



13.1881, 0.3194, 0.3144



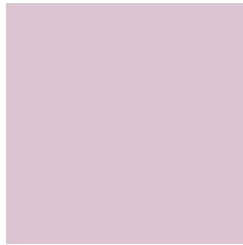
10.0273, 0.4425, 0.2211



0.6661, 0.4175, 0.2073

Previews

White Background



This preview shows how the Yxy color 59.3986, 0.3206, 0.3121 looks on a white background.

Color Contrast Check

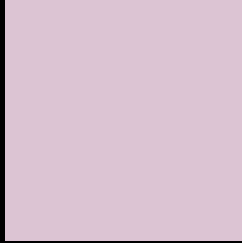
Large Text (above 18pt) WCAG AA × Fail

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 59.3986, 0.3206, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

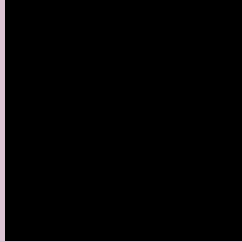
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3986, 0.3206, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 59.3986, 0.3206, 0.3121.



This preview shows how white text looks on a background with the Yxy color 59.3986, 0.3206, 0.3121.

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

59.3986, 0.3206, 0.3121

Protanopia

59.3248, 0.3050, 0.3139

Deuteranopia

59.5411, 0.3190, 0.3132



Tritanopia

59.3986, 0.3206, 0.3121

Trichromacy



Original Color

59.3986, 0.3206, 0.3121

Protanomaly

59.2063, 0.3104, 0.3129

Deuteranomaly

59.6957, 0.3198, 0.3132

Tritanomaly

59.3986, 0.3206, 0.3121

Monochromacy



Original Color

59.3986, 0.3206, 0.3121

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.4477, 0.3153, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3986, 0.3206, 0.3121 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(220, 196, 211)` looks like.

```
.text, #text, p{  
    color:rgb(220, 196, 211)  
}
```

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(220, 196, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 196, 211) }
```

Border

The CSS property to change the border of an element to Yxy 59.3986, 0.3206, 0.3121 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(220, 196, 211) }
```

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

```
.border{ border-color:rgb(220, 196, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 196, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 196, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 196, 211);  
box-shadow:4px 4px 4px 4px rgb(220, 196,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3986, 0.3206, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 196, 211) }
```

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

```
.background{ background-color: rgb(220,  
196, 211) }
```

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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