

Converting Colors

$Yxy(60.6741, 0.3119, 0.3131)$

Have a look what the booklet for
Yxy(60.6741, 0.3119, 0.3131)
contains.

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Color

Yxy(60.8257, 0.3119, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	D5C9D7
RGB	213, 201, 215
RGB Percent	84%, 79%, 84%
CMY	0.1647, 0.2117, 0.1568
CMYK	0.01, 0.07, 0.00, 0.16
HSL	291°, 15%, 82%
HSV	291°, 7%, 84%
XYZ	60.5926, 60.8257, 72.8510
YIQ	206.1840, 2.6580, 6.8980

Conversions

Conversions Part 2

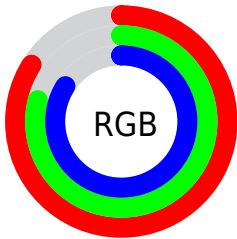
Format	Color
R _Y B	213, 201, 215
Decimal	14010839
CIE Lab	82.28, 6.68, -5.47
CIE LCh	82, 8.636, 320.704
Yxy	60.8257, 0.3119, 0.3131
Android (android.graphics.Color)	4292200919 (0xFFD5C9D7)
YUV	206.1840, 4.3463, 5.9776
Hunter-Lab	77.9908, 2.1961, -0.7890

Details

The Yxy color `60.8257, 0.3119, 0.3131` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `65.5315, 0.3134, 0.3453`, and the grayscale version is `61.8171, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `30.6746, 0.3116, 0.3095` is the 20% darker color. If you saturate the color by 10%, you get `51.0329, 0.3104, 0.2878`, and if you desaturate by 10%, it is `72.0359, 0.3131, 0.3373`.

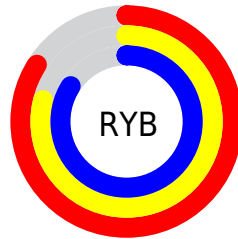
Distribution



Red (84%)

Green (79%)

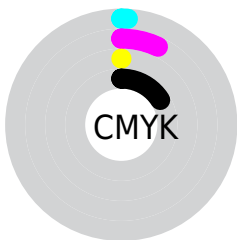
Blue (84%)



Red (84%)

Yellow (79%)

Blue (84%)

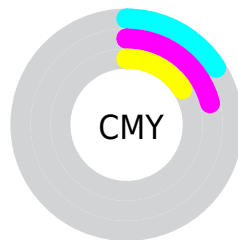


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (16%)



Cyan (16%)

Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8257, 0.3119, 0.3131 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 60.8257, 0.3119, 0.3131 by changing the saturation by 10% instead.

■ 60.8257, 0.3119,
0.3131

■ 60.8257, 0.3119,
0.3131

427.6346, 0.3123,
0.3206

■ 44.0845, 0.3118,
0.3113

106.0265, 0.3121,
0.3157

■ 30.7370, 0.3116,
0.3091

135.2550, 0.3121,
0.3168

■ 20.3986, 0.3114,
0.3063

169.4146, 0.3122,
0.3176

■ 12.6851, 0.3112,
0.3026

208.8898, 0.3122,
0.3184

■ 7.2121, 0.3108,
0.2974

254.0650, 0.3122,
0.3191

■ 3.5951, 0.3101,
0.2896

305.3247, 0.3123,

■ 1.4497, 0.3087,

0.3196

0.2768

363.0531, 0.3123,
0.3202

0.2530, 0.3071,
0.1925

0.0000, 0.0000,
0.0000

60.8257, 0.3119,
0.3131

60.8257, 0.3119,
0.3131

51.0329, 0.3104,
0.2878

72.0359, 0.3131,
0.3373

42.5918, 0.3084,
0.2619

84.7104, 0.3140,
0.3599

35.4428, 0.3061,
0.2361

92.0114, 0.3153,
0.3707

29.5191, 0.3033,
0.2114

92.5093, 0.3173,
0.3705

■ 24.7478, 0.3002,
0.1888

■ 93.0164, 0.3192,
0.3702

■ 21.0480, 0.2967,
0.1692

■ 93.5327, 0.3212,
0.3700

■ 18.3285, 0.2931,
0.1537

■ 94.0582, 0.3232,
0.3697

■ 16.4828, 0.2893,
0.1425

■ 94.5931, 0.3252,
0.3695

■ 15.3753, 0.2855,
0.1357

■ 95.1373, 0.3272,
0.3692

Harmonies

Analogous

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



60.8257, 0.3013, 0.3102



60.8257, 0.3119, 0.3131



60.8257, 0.3229, 0.3200

Triad

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



60.8257, 0.3119, 0.3131



60.8257, 0.3318, 0.3457



60.8257, 0.2945, 0.3283

Complementary

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



60.8257, 0.3119, 0.3131



65.5315, 0.3134, 0.3453

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.



60.8257, 0.3025, 0.3382



60.8257, 0.3119, 0.3131



60.8257, 0.3240, 0.3484

Square

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



60.8257, 0.3119, 0.3131



60.8257, 0.3345, 0.3387



60.8257, 0.3132, 0.3457



60.8257, 0.2914, 0.3188

Rectangle

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



60.8257, 0.3119, 0.3131



60.8257, 0.3289, 0.3261



60.8257, 0.3132, 0.3457



60.8257, 0.2967, 0.3317

Sweetspot

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



60.8283, 0.3119, 0.3131



96.6491, 0.3125, 0.3241



60.0891, 0.3028, 0.3151



20.7220, 0.3125, 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.



60.8283, 0.3119, 0.3131



87.1111, 0.3117, 0.3092



60.8857, 0.3170, 0.3187



12.5372, 0.3115, 0.3059



9.0525, 0.2847, 0.1342



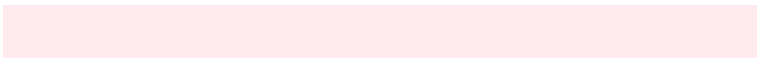
0.5715, 0.2914, 0.1379

Inverse Universe

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



60.5403, 0.3222, 0.3267



86.5950, 0.3247, 0.3261



65.4825, 0.3087, 0.3396



12.4499, 0.3268, 0.3256



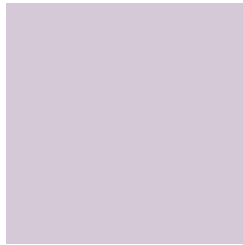
8.7103, 0.6194, 0.3186



0.5350, 0.5779, 0.2957

Previews

White Background



This preview shows how the Yxy color 60.8257, 0.3119, 0.3131 looks on a white background.

Color Contrast Check

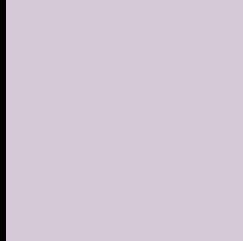
Large Text (above 18pt) WCAG AA × Fail

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 60.8257, 0.3119, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

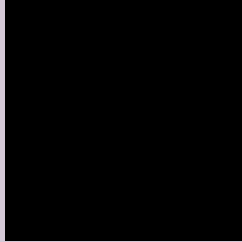
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

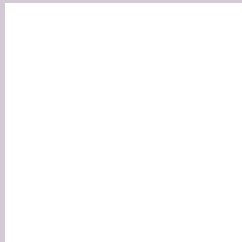
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8257, 0.3119, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 60.8257, 0.3119, 0.3131.

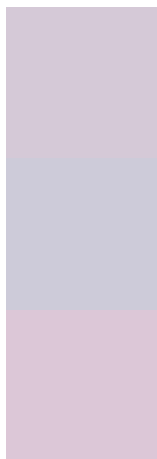


This preview shows how white text looks on a background with the Yxy color 60.8257, 0.3119, 0.3131.

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

60.8257, 0.3119, 0.3131

Protanopia

60.7008, 0.3044, 0.3129

Deuteranopia

60.9688, 0.3174, 0.3111



Tritanopia

60.9292, 0.3105, 0.3109

Trichromacy



Original Color

60.8257, 0.3119, 0.3131

Protanomaly

60.6088, 0.3074, 0.3130

Deuteranomaly

60.9666, 0.3151, 0.3121

Tritanomaly

60.8773, 0.3112, 0.3120

Monochromacy



Original Color

60.8257, 0.3119, 0.3131

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.3445, 0.3130, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8257, 0.3119, 0.3131 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, 201, 215)` looks like.

```
.text, #text, p{  
    color:rgb(213, 201, 215)  
}
```

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, 201, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 201, 215) }
```

Border

The CSS property to change the border of an element to Yxy 60.8257, 0.3119, 0.3131 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, 201, 215) }
```

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

```
.border{ border-color:rgb(213, 201, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 201, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 201, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 201, 215);  
box-shadow:4px 4px 4px 4px rgb(213, 201,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8257, 0.3119, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 201, 215) }
```

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

```
.background{ background-color: rgb(213,  
201, 215) }
```

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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