

Converting Colors

Yxy(60.8813, 0.3133, 0.3036)

Have a look what the booklet for
Yxy(60.8813, 0.3133, 0.3036)
contains.

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Color

Yxy(60.8243, 0.3131, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	DCC6DD
RGB	220, 198, 221
RGB Percent	86%, 78%, 87%
CMY	0.1375, 0.2234, 0.1333
CMYK	0.00, 0.10, 0.00, 0.13
HSL	297°, 25%, 82%
HSV	297°, 10%, 87%
XYZ	62.7482, 60.8243, 76.8370
YIQ	207.2000, 5.7290, 11.8170

Conversions

Conversions Part 2

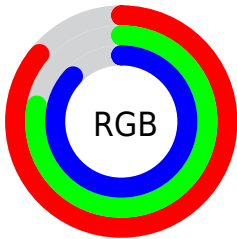
Format	Color
R_{YB}	220, 198, 221
Decimal	14468829
CIE _{Lab}	82.28, 11.73, -8.60
CIE _{LCh}	82, 14.548, 323.739
Yxy	60.8243, 0.3131, 0.3035
Android (android.graphics.Color)	4292658909 (0xFFDCC6DD)
YUV	207.2000, 6.8034, 11.2256
Hunter-Lab	77.9899, 7.1331, -3.8206

Details

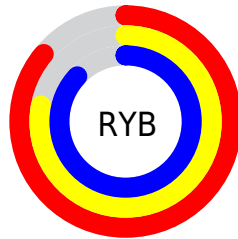
The Yxy color **60.8243, 0.3131, 0.3035** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.9419, 0.3122, 0.3558**, and the grayscale version is **62.4830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.6990, 0.3132, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **51.2919, 0.3134, 0.2783**, and if you desaturate by 10%, it is **71.8370, 0.3127, 0.3281**.

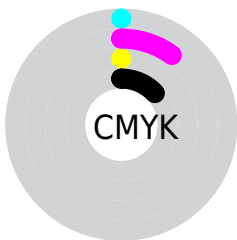
Distribution



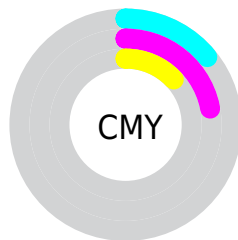
- Red (86%)
- Green (78%)
- Blue (87%)



- Red (86%)
- Yellow (78%)
- Blue (87%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)





- Cyan (14%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8243, 0.3131, 0.3035 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 60.8243, 0.3131, 0.3035 by changing the saturation by 10% instead.


 60.8243, 0.3131,
0.3035

 60.8243, 0.3131,
0.3035

427.6295, 0.3130,
0.3155

 44.0834, 0.3131,
0.3007

106.0245, 0.3131,
0.3077

 30.7361, 0.3131,
0.2973


135.2526, 0.3131,
0.3093

 20.3980, 0.3130,
0.2929


169.4118, 0.3131,
0.3107

 12.6847, 0.3129,
0.2871

208.8866, 0.3131,
0.3119

 7.2118, 0.3127,
0.2791

254.0614, 0.3131,
0.3129

 3.5949, 0.3122,
0.2673

305.3206, 0.3130,

 1.4496, 0.3111,

0.3139

0.2485

363.0484, 0.3130,
0.3147

0.2529, 0.3180,
0.1527

0.0000, 0.0000,
0.0000

60.8243, 0.3131,
0.3035

60.8243, 0.3131,
0.3035

51.2919, 0.3134,
0.2783

71.8370, 0.3127,
0.3281

43.1684, 0.3135,
0.2531

84.3817, 0.3123,
0.3514

36.3881, 0.3135,
0.2288

92.4243, 0.3123,
0.3643

30.8772, 0.3133,
0.2063

92.5850, 0.3129,
0.3642

■ 26.5548, 0.3128,
0.1867

■ 92.7466, 0.3135,
0.3641

■ 23.3305, 0.3122,
0.1707

■ 92.9092, 0.3142,
0.3641

■ 21.1013, 0.3114,
0.1590

■ 93.0728, 0.3148,
0.3640

■ 19.7441, 0.3104,
0.1516

■ 93.2373, 0.3154,
0.3639

■ 19.0560, 0.3094,
0.1478

■ 93.4028, 0.3161,
0.3639

Harmonies

Analogous

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



60.8243, 0.2951, 0.2979



60.8243, 0.3131, 0.3035



60.8243, 0.3315, 0.3154

Triad

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



60.8243, 0.3131, 0.3035



60.8243, 0.3440, 0.3579



60.8243, 0.2814, 0.3258

Complementary

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



60.8243, 0.3131, 0.3035



67.9419, 0.3122, 0.3558

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.



60.8243, 0.2938, 0.3431



60.8243, 0.3131, 0.3035



60.8243, 0.3299, 0.3619

Square

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



60.8243, 0.3131, 0.3035



60.8243, 0.3496, 0.3463



60.8243, 0.3115, 0.3565



60.8243, 0.2772, 0.3101

Rectangle

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



60.8243, 0.3131, 0.3035



60.8243, 0.3414, 0.3255



60.8243, 0.3115, 0.3565



60.8243, 0.2847, 0.3316

Sweetspot

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



60.8269, 0.3131, 0.3035



95.1496, 0.3128, 0.3217



58.1554, 0.2965, 0.3035



20.0955, 0.3129, 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.



60.8269, 0.3131, 0.3035



81.7427, 0.3132, 0.2992



60.4568, 0.3215, 0.3149



13.2430, 0.3131, 0.3059



11.0842, 0.3096, 0.1479



0.7276, 0.3115, 0.1490

Inverse Universe

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



59.8976, 0.3303, 0.3279



80.2664, 0.3335, 0.3277



68.2924, 0.3048, 0.3436



13.0611, 0.3284, 0.3280



8.9473, 0.6349, 0.3271



0.5831, 0.6196, 0.3187

Previews

White Background



This preview shows how the Yxy color 60.8243, 0.3131, 0.3035 looks on a white background.

Color Contrast Check

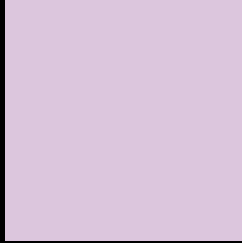
Large Text (above 18pt) WCAG AA × Fail

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 60.8243, 0.3131, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

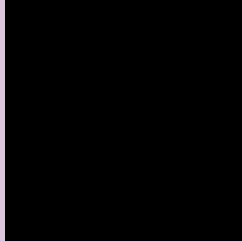
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8243, 0.3131, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 60.8243, 0.3131, 0.3035.



This preview shows how white text looks on a background with the Yxy color 60.8243, 0.3131, 0.3035.

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

60.8243, 0.3131, 0.3035

Protanopia

60.7902, 0.2982, 0.3049

Deuteranopia

60.8190, 0.3108, 0.3044



Tritanopia

60.8132, 0.3167, 0.3111

Trichromacy



Original Color

60.8243, 0.3131, 0.3035

Protanomaly

60.6563, 0.3033, 0.3041

Deuteranomaly

60.9727, 0.3116, 0.3045

Tritanomaly

60.9167, 0.3152, 0.3089

Monochromacy



Original Color

60.8243, 0.3131, 0.3035

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.9362, 0.3131, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8243, 0.3131, 0.3035 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, 198, 221)` looks like.

```
.text, #text, p{  
    color:rgb(220, 198, 221)  
}
```

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, 198, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 198, 221) }
```

Border

The CSS property to change the border of an element to Yxy 60.8243, 0.3131, 0.3035 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, 198, 221) }
```

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

```
.border{ border-color:rgb(220, 198, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 198, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 198, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 198, 221);  
box-shadow:4px 4px 4px 4px rgb(220, 198,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8243, 0.3131, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 198, 221) }
```

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

```
.background{ background-color: rgb(220,  
198, 221) }
```

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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