

Converting Colors

$Y_{xy}(60.8162, 0.3138, 0.3060)$

Have a look what the booklet for
Yxy(60.8162, 0.3138, 0.3060)
contains.

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Color

Yxy(60.5627, 0.3138, 0.3056)

Conversions

Conversions Part 1

Format	Color
Hex	DBC6DB
RGB	219, 198, 219
RGB Percent	86%, 78%, 86%
CMY	0.1413, 0.2235, 0.1412
CMYK	0.00, 0.10, 0.00, 0.14
HSL	300°, 23%, 82%
HSV	300°, 10%, 86%
XYZ	62.1877, 60.5627, 75.4259
YIQ	206.6730, 5.7750, 10.9830

Conversions

Conversions Part 2

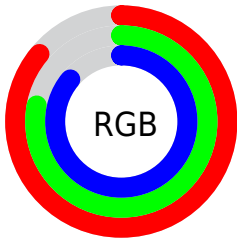
Format	Color
R _Y B	219, 198, 219
Decimal	14403291
CIE Lab	82.14, 11.04, -7.75
CIE LCh	82, 13.488, 324.924
Yxy	60.5627, 0.3138, 0.3056
Android (android.graphics.Color)	4292593371 (0xFFDBC6DB)
YUV	206.6730, 6.0772, 10.8108
Hunter-Lab	77.8220, 6.4511, -2.9891

Details

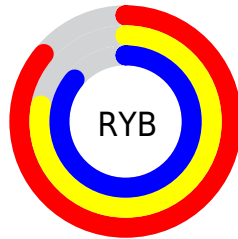
The Yxy color $60.5627, 0.3138, 0.3056$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $66.7486, 0.3116, 0.3536$, and the grayscale version is $62.1328, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.5194, 0.3141, 0.2997$ is the 20% darker color. If you saturate the color by 10%, you get $51.2634, 0.3150, 0.2806$, and if you desaturate by 10%, it is $71.3147, 0.3127, 0.3300$.

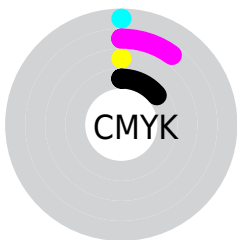
Distribution



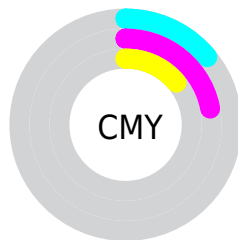
- Red (86%)
- Green (78%)
- Blue (86%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (14%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5627, 0.3138, 0.3056 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 60.5627, 0.3138, 0.3056 by changing the saturation by 10% instead.

60.5627, 0.3138,
0.3056

60.5627, 0.3138,
0.3056

426.6688, 0.3134,
0.3166

43.8723, 0.3139,
0.3030

105.6455, 0.3137,
0.3094

30.5702, 0.3140,
0.2999

134.8067, 0.3136,
0.3109

20.2718, 0.3141,
0.2958

168.8937, 0.3136,
0.3122

12.5927, 0.3142,
0.2904

208.2909, 0.3135,
0.3133

7.1487, 0.3142,
0.2830

253.3825, 0.3135,
0.3143

3.5553, 0.3142,
0.2720

304.5532, 0.3134,

1.4280, 0.3138,

0.3152

0.2543

362.1871, 0.3134,
0.3159

0.2373, 0.3230,
0.1548

0.0000, 0.0000,
0.0000

60.5627, 0.3138,
0.3056

60.5627, 0.3138,
0.3056

51.2634, 0.3150,
0.2806

71.3147, 0.3127,
0.3300

43.3472, 0.3161,
0.2558

83.5696, 0.3116,
0.3533

36.7503, 0.3172,
0.2319

91.6995, 0.3110,
0.3667

31.4011, 0.3182,
0.2100

91.7024, 0.3110,
0.3667

■ 27.2209, 0.3191,
0.1909

■ 91.7053, 0.3110,
0.3667

■ 24.1224, 0.3198,
0.1755

■ 91.7082, 0.3110,
0.3667

■ 22.0059, 0.3203,
0.1644

■ 91.7111, 0.3110,
0.3667

■ 20.7533, 0.3206,
0.1575

■ 91.7139, 0.3110,
0.3667

■ 20.1648, 0.3207,
0.1542

■ 91.7168, 0.3110,
0.3667

Harmonies

Analogous

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



60.5627, 0.2969, 0.3001



60.5627, 0.3138, 0.3056



60.5627, 0.3308, 0.3169

Triad

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



60.5627, 0.3138, 0.3056



60.5627, 0.3414, 0.3561



60.5627, 0.2833, 0.3255

Complementary

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



60.5627, 0.3138, 0.3056



66.7486, 0.3116, 0.3536

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.



60.5627, 0.2946, 0.3414



60.5627, 0.3138, 0.3056



60.5627, 0.3281, 0.3594

Square

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



60.5627, 0.3138, 0.3056



60.5627, 0.3469, 0.3457



60.5627, 0.3109, 0.3541



60.5627, 0.2797, 0.3110

Rectangle

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



60.5627, 0.3138, 0.3056



60.5627, 0.3397, 0.3263



60.5627, 0.3109, 0.3541



60.5627, 0.2863, 0.3308

Sweetspot

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



60.5653, 0.3138, 0.3056



95.2146, 0.3131, 0.3217



57.6764, 0.2978, 0.3048



20.1131, 0.3131, 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.



60.5653, 0.3138, 0.3056



83.3863, 0.3140, 0.3018



60.0501, 0.3213, 0.3168



13.2743, 0.3138, 0.3060



11.9457, 0.3207, 0.1540



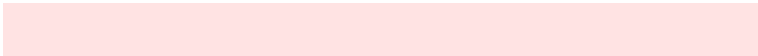
0.7741, 0.3207, 0.1541

Inverse Universe

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



59.5325, 0.3294, 0.3290



81.7154, 0.3324, 0.3290



67.2300, 0.3049, 0.3415



13.0517, 0.3292, 0.3290



8.9302, 0.6400, 0.3299



0.5786, 0.6397, 0.3298

Previews

White Background



This preview shows how the Yxy color 60.5627, 0.3138, 0.3056 looks on a white background.

Color Contrast Check

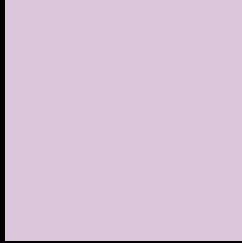
Large Text (above 18pt) WCAG AA × Fail

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 60.5627, 0.3138, 0.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

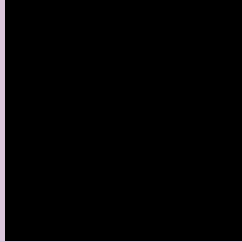
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5627, 0.3138, 0.3056

Background



This preview shows how black text looks on a background with the Yxy color 60.5627, 0.3138, 0.3056.



This preview shows how white text looks on a background with the Yxy color 60.5627, 0.3138, 0.3056.

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

60.5627, 0.3138, 0.3056

Protanopia

60.6823, 0.2995, 0.3072

Deuteranopia

60.8667, 0.3130, 0.3067



Tritanopia

60.6073, 0.3166, 0.3122

Trichromacy



Original Color

60.5627, 0.3138, 0.3056

Protanomaly

60.5491, 0.3047, 0.3063

Deuteranomaly

60.8667, 0.3130, 0.3067

Tritanomaly

60.7101, 0.3152, 0.3099

Monochromacy



Original Color

60.5627, 0.3138, 0.3056

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.7378, 0.3131, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5627, 0.3138, 0.3056 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(219, 198, 219)` looks like.

```
.text, #text, p{  
    color:rgb(219, 198, 219)  
}
```

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(219, 198, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 198, 219) }
```

Border

The CSS property to change the border of an element to Yxy 60.5627, 0.3138, 0.3056 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(219, 198, 219) }
```

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

```
.border{ border-color:rgb(219, 198, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 198, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 198, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 198, 219);  
box-shadow:4px 4px 4px 4px rgb(219, 198,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5627, 0.3138, 0.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 198, 219) }
```

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

```
.background{ background-color: rgb(219,  
198, 219) }
```

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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