

Converting Colors

$Yxy(60.5241, 0.3169, 0.3057)$

Have a look what the booklet for
Yxy(60.5241, 0.3169, 0.3057)
contains.

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Color

Yxy(60.5241, 0.3169, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	DEC5DA
RGB	222, 197, 218
RGB Percent	87%, 77%, 85%
CMY	0.1295, 0.2274, 0.1450
CMYK	0.00, 0.11, 0.02, 0.13
HSL	309°, 27%, 82%
HSV	309°, 11%, 87%
XYZ	62.7415, 60.5241, 74.7196
YIQ	206.8690, 8.1590, 11.8310

Conversions

Conversions Part 2

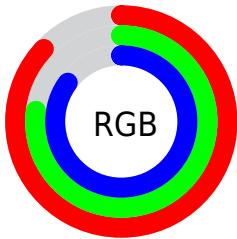
Format	Color
R_{YB}	222, 197, 218
Decimal	14599642
CIE _{Lab}	82.12, 12.41, -7.23
CIE _{LCh}	82, 14.367, 329.771
Yxy	60.5241, 0.3169, 0.3057
Android (android.graphics.Color)	4292789722 (0xFFDEC5DA)
YUV	206.8690, 5.4876, 13.2699
Hunter-Lab	77.7972, 7.8106, -2.4865

Details

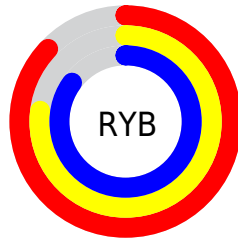
The Yxy color `60.5241, 0.3169, 0.3057` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `68.3165, 0.3088, 0.3535`, and the grayscale version is `62.2688, 0.3127, 0.3290`.

A 20% lighter version of the original color is `99.3636, 0.3128, 0.3281`, and `30.5048, 0.3183, 0.2999` is the 20% darker color. If you saturate the color by 10%, you get `50.9945, 0.3212, 0.2843`, and if you desaturate by 10%, it is `71.5472, 0.3131, 0.3265`.

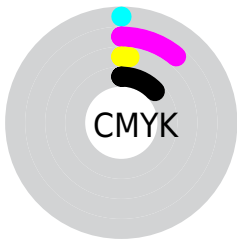
Distribution



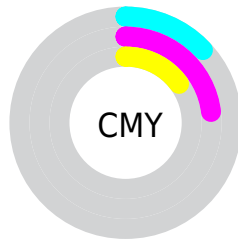
- Red (87%)
- Green (77%)
- Blue (85%)



- Red (87%)
- Yellow (77%)
- Blue (85%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (13%)





- Cyan (13%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5241, 0.3169, 0.3057 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 60.5241, 0.3169, 0.3057 by changing the saturation by 10% instead.


 60.5241, 0.3169,
0.3057

 60.5241, 0.3169,
0.3057


426.5269, 0.3150,
0.3166

 43.8412, 0.3173,
0.3032


105.5896, 0.3162,
0.3095

 30.5457, 0.3179,
0.3000


134.7409, 0.3160,
0.3110

 20.2532, 0.3185,
0.2960


168.8173, 0.3158,
0.3123

 12.5792, 0.3194,
0.2906

208.2029, 0.3156,
0.3134

 7.1394, 0.3205,
0.2832

253.2823, 0.3154,
0.3144

 3.5495, 0.3221,
0.2723

304.4399, 0.3153,

 1.4249, 0.3244,

0.3152

0.2547

362.0599, 0.3151,
0.3160

0.2349, 0.3456,
0.1543

0.0000, 0.0000,
0.0000

60.5241, 0.3169,
0.3057

60.5241, 0.3169,
0.3057

50.9945, 0.3212,
0.2843

71.5472, 0.3131,
0.3265

42.8857, 0.3260,
0.2628

84.1165, 0.3099,
0.3462

36.1312, 0.3314,
0.2420

92.6785, 0.3074,
0.3563

30.6556, 0.3371,
0.2227

92.8764, 0.3054,
0.3526

■ 26.3763, 0.3432,
0.2061

■ 93.0782, 0.3035,
0.3489

■ 23.2012, 0.3493,
0.1929

■ 93.2841, 0.3015,
0.3452

■ 21.0245, 0.3554,
0.1840

■ 93.4940, 0.2996,
0.3416

■ 19.7197, 0.3612,
0.1797

■ 93.7080, 0.2977,
0.3380

■ 19.1062, 0.3661,
0.1790

■ 93.9260, 0.2957,
0.3344

Harmonies

Analogous

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



60.5241, 0.2986, 0.2988



60.5241, 0.3169, 0.3057



60.5241, 0.3345, 0.3184

Triad

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



60.5241, 0.3169, 0.3057



60.5241, 0.3414, 0.3590



60.5241, 0.2802, 0.3224

Complementary

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



60.5241, 0.3169, 0.3057



68.3165, 0.3088, 0.3535

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.



60.5241, 0.2910, 0.3396



60.5241, 0.3169, 0.3057



60.5241, 0.3262, 0.3612

Square

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



60.5241, 0.3169, 0.3057



60.5241, 0.3489, 0.3489



60.5241, 0.3078, 0.3541



60.5241, 0.2778, 0.3078

Rectangle

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



60.5241, 0.3169, 0.3057



60.5241, 0.3434, 0.3287



60.5241, 0.3078, 0.3541



60.5241, 0.2829, 0.3281

Sweetspot

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



60.5267, 0.3169, 0.3057



95.1380, 0.3138, 0.3229



57.5943, 0.2978, 0.3000



20.0923, 0.3141, 0.3212



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.



60.5267, 0.3169, 0.3057



80.3094, 0.3177, 0.3018



59.9076, 0.3261, 0.3192



13.8964, 0.3162, 0.3095



11.3653, 0.3653, 0.1786



0.7979, 0.3573, 0.1742

Inverse Universe

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



60.5267, 0.3169, 0.3057



80.3094, 0.3177, 0.3018



68.9173, 0.3010, 0.3390



13.8964, 0.3162, 0.3095



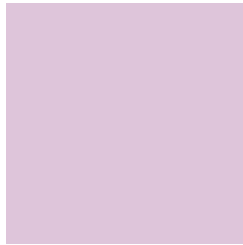
11.3653, 0.3653, 0.1786



0.7979, 0.3573, 0.1742

Previews

White Background



This preview shows how the Yxy color 60.5241, 0.3169, 0.3057 looks on a white background.

Color Contrast Check

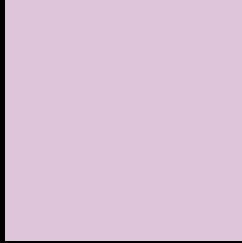
Large Text (above 18pt) WCAG AA × Fail

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 60.5241, 0.3169, 0.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

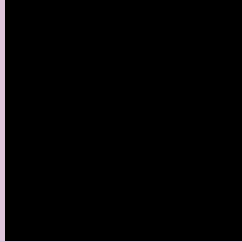
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5241, 0.3169, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 60.5241, 0.3169, 0.3057.



This preview shows how white text looks on a background with the Yxy color 60.5241, 0.3169, 0.3057.

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

60.5241, 0.3169, 0.3057

Protanopia

60.6823, 0.2995, 0.3072

Deuteranopia

60.3555, 0.3138, 0.3066



Tritanopia

60.5644, 0.3198, 0.3123

Trichromacy



Original Color

60.5241, 0.3169, 0.3057

Protanomaly

60.6954, 0.3054, 0.3063

Deuteranomaly

60.5102, 0.3145, 0.3067

Tritanomaly

60.6666, 0.3183, 0.3101

Monochromacy



Original Color

60.5241, 0.3169, 0.3057

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.4121, 0.3139, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5241, 0.3169, 0.3057 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(222, 197, 218)` looks like.

```
.text, #text, p{  
    color:rgb(222, 197, 218)  
}
```

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(222, 197, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 197, 218) }
```

Border

The CSS property to change the border of an element to Yxy 60.5241, 0.3169, 0.3057 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(222, 197, 218) }
```

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

```
.border{ border-color:rgb(222, 197, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 197, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 197, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 197, 218); box-shadow:4px 4px 4px 4px rgb(222, 197, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5241, 0.3169, 0.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 197, 218) }
```

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

```
.background{ background-color: rgb(222,  
197, 218) }
```

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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