

Converting Colors

$Y_{xy}(60.2982, 0.3137, 0.3077)$

Have a look what the booklet for
Yxy(60.2982, 0.3137, 0.3077)
contains.

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Color

Yxy(60.1496, 0.3137, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	D9C6D9
RGB	217, 198, 217
RGB Percent	85%, 78%, 85%
CMY	0.1492, 0.2234, 0.1491
CMYK	0.00, 0.09, 0.00, 0.15
HSL	300°, 20%, 81%
HSV	300°, 9%, 85%
XYZ	61.3225, 60.1496, 74.0092
YIQ	205.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

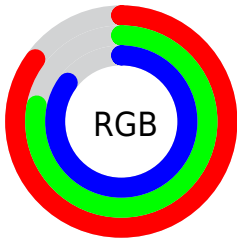
Format	Color
R _Y B	217, 198, 217
Decimal	14272217
CIE Lab	81.92, 9.98, -7.02
CIE LCh	82, 12.203, 324.870
Yxy	60.1496, 0.3137, 0.3077
Android (android.graphics.Color)	4292462297 (0xFFD9C6D9)
YUV	205.8470, 5.4984, 9.7812
Hunter-Lab	77.5562, 5.4139, -2.2891

Details

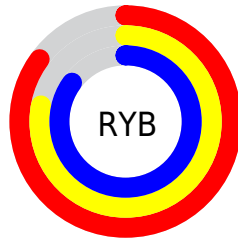
The Yxy color **60.1496, 0.3137, 0.3077** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7050, 0.3117, 0.3513**, and the grayscale version is **61.5783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.2365, 0.3140, 0.3024** is the 20% darker color. If you saturate the color by 10%, you get **50.9284, 0.3148, 0.2828**, and if you desaturate by 10%, it is **70.7969, 0.3126, 0.3320**.

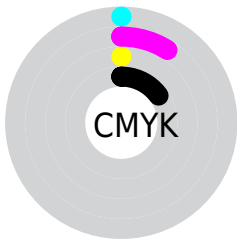
Distribution



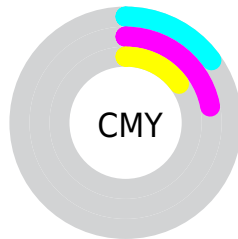
- Red (85%)
- Green (78%)
- Blue (85%)



- Red (85%)
- Yellow (78%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1496, 0.3137, 0.3077 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 60.1496, 0.3137, 0.3077 by changing the saturation by 10% instead.

60.1496, 0.3137,
0.3077

60.1496, 0.3137,
0.3077

425.1490, 0.3133,
0.3177

43.5392, 0.3138,
0.3054

105.0467, 0.3136,
0.3112

30.3084, 0.3139,
0.3024

134.1021, 0.3135,
0.3126

20.0728, 0.3140,
0.2987

168.0747, 0.3135,
0.3137

12.4480, 0.3141,
0.2938

207.3489, 0.3134,
0.3148

7.0495, 0.3141,
0.2869

252.3090, 0.3134,
0.3156

3.4931, 0.3142,
0.2767

303.3395, 0.3134,

1.3943, 0.3139,

0.3164

0.2601

360.8247, 0.3133,
0.3171

0.2125, 0.3228,
0.1539

0.0000, 0.0000,
0.0000

60.1496, 0.3137,
0.3077

60.1496, 0.3137,
0.3077

50.9284, 0.3148,
0.2828

70.7969, 0.3126,
0.3320

43.0656, 0.3160,
0.2579

82.9191, 0.3115,
0.3552

36.4991, 0.3171,
0.2339

91.2848, 0.3109,
0.3690

31.1595, 0.3181,
0.2118

91.2882, 0.3109,
0.3690

■ 26.9706, 0.3190,
0.1924

■ 91.2917, 0.3109,
0.3690

■ 23.8477, 0.3197,
0.1767

■ 91.2951, 0.3109,
0.3690

■ 21.6948, 0.3202,
0.1652

■ 91.2986, 0.3109,
0.3690

■ 20.3982, 0.3205,
0.1579

■ 91.3020, 0.3109,
0.3690

■ 19.7828, 0.3206,
0.1544

■ 91.3055, 0.3110,
0.3690

Harmonies

Analogous

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



60.1496, 0.2984, 0.3028



60.1496, 0.3137, 0.3077



60.1496, 0.3291, 0.3180

Triad

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



60.1496, 0.3137, 0.3077



60.1496, 0.3387, 0.3536



60.1496, 0.2860, 0.3259

Complementary

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



60.1496, 0.3137, 0.3077



65.7050, 0.3117, 0.3513

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.



60.1496, 0.2963, 0.3403



60.1496, 0.3137, 0.3077



60.1496, 0.3267, 0.3566

Square

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



60.1496, 0.3137, 0.3077



60.1496, 0.3437, 0.3442



60.1496, 0.3111, 0.3517



60.1496, 0.2827, 0.3128

Rectangle

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



60.1496, 0.3137, 0.3077



60.1496, 0.3372, 0.3266



60.1496, 0.3111, 0.3517



60.1496, 0.2887, 0.3307

Sweetspot

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



60.1522, 0.3137, 0.3077



95.2143, 0.3131, 0.3217



57.5598, 0.2992, 0.3071



20.1130, 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.



60.1522, 0.3137, 0.3077



84.7907, 0.3139, 0.3044



59.6915, 0.3205, 0.3179



13.2741, 0.3138, 0.3060



11.9419, 0.3207, 0.1540



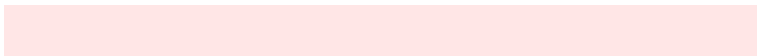
0.7739, 0.3207, 0.1540

Inverse Universe

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



59.2256, 0.3278, 0.3290



83.2623, 0.3304, 0.3290



66.1382, 0.3056, 0.3404



13.0518, 0.3291, 0.3290



8.9303, 0.6400, 0.3299



0.5786, 0.6396, 0.3297

Previews

White Background



This preview shows how the Yxy color 60.1496, 0.3137, 0.3077 looks on a white background.

Color Contrast Check

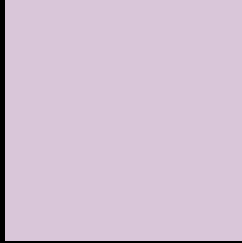
Large Text (above 18pt) WCAG AA × Fail

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 60.1496, 0.3137, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

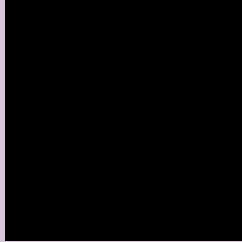
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1496, 0.3137, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 60.1496, 0.3137, 0.3077.

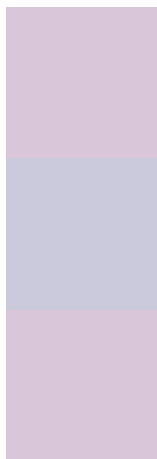


This preview shows how white text looks on a background with the Yxy color 60.1496, 0.3137, 0.3077.

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

60.1496, 0.3137, 0.3077

Protanopia

60.1049, 0.3009, 0.3082

Deuteranopia

60.1496, 0.3137, 0.3077



Tritanopia

59.9949, 0.3159, 0.3110

Trichromacy



Original Color

60.1496, 0.3137, 0.3077

Protanomaly

60.2977, 0.3053, 0.3084

Deuteranomaly

60.1496, 0.3137, 0.3077

Tritanomaly

60.0462, 0.3152, 0.3099

Monochromacy



Original Color

60.1496, 0.3137, 0.3077

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0667, 0.3131, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1496, 0.3137, 0.3077 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(217, 198, 217)` looks like.

```
.text, #text, p{  
    color:rgb(217, 198, 217)  
}
```

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(217, 198, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 198, 217) }
```

Border

The CSS property to change the border of an element to Yxy 60.1496, 0.3137, 0.3077 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(217, 198, 217) }
```

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

```
.border{ border-color:rgb(217, 198, 217) }
```

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

Here you see how a box with a 4 pixel rgb(217, 198, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 198, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 198, 217);  
box-shadow:4px 4px 4px 4px rgb(217, 198,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1496, 0.3137, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 198, 217) }
```

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

```
.background{ background-color: rgb(217,  
198, 217) }
```

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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