

Converting Colors

$Yxy(60.6008, 0.3126, 0.3168)$

Have a look what the booklet for
Yxy(60.6008, 0.3126, 0.3168)
contains.

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Color

Yxy(60.3756, 0.3125, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	D3C9D4
RGB	211, 201, 212
RGB Percent	83%, 79%, 83%
CMY	0.1726, 0.2117, 0.1685
CMYK	0.00, 0.05, 0.00, 0.17
HSL	294°, 11%, 81%
HSV	294°, 5%, 83%
XYZ	59.6314, 60.3756, 70.8135
YIQ	205.2440, 2.4290, 5.5410

Conversions

Conversions Part 2

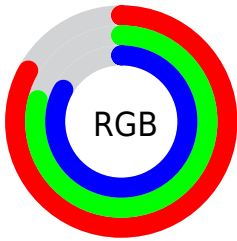
Format	Color
R _Y B	211, 201, 212
Decimal	13879764
CIE Lab	82.04, 5.44, -4.24
CIE LCh	82, 6.901, 322.069
Yxy	60.3756, 0.3125, 0.3164
Android (android.graphics.Color)	4292069844 (0xFFD3C9D4)
YUV	205.2440, 3.3307, 5.0480
Hunter-Lab	77.7017, 1.0100, 0.3573

Details

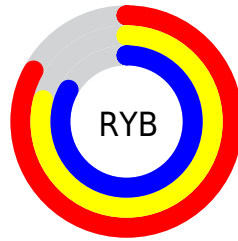
The Yxy color **60.3756, 0.3125, 0.3164** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8814, 0.3129, 0.3419**, and the grayscale version is **61.1913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.3697, 0.3124, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **50.8691, 0.3119, 0.2914**, and if you desaturate by 10%, it is **71.2555, 0.3129, 0.3403**.

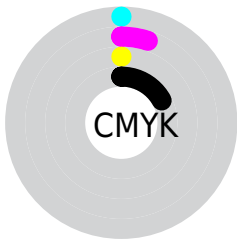
Distribution



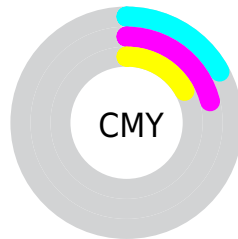
- Red (83%)
- Green (79%)
- Blue (83%)



- Red (83%)
- Yellow (79%)
- Blue (83%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (17%)



- Cyan (17%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3756, 0.3125, 0.3164 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 60.3756, 0.3125, 0.3164 by changing the saturation by 10% instead.

■ 60.3756, 0.3125,
0.3164

■ 60.3756, 0.3125,
0.3164

425.9808, 0.3126,
0.3224

■ 43.7214, 0.3125,
0.3150

105.3743, 0.3126,
0.3185

■ 30.4516, 0.3124,
0.3132

134.4877, 0.3126,
0.3193

■ 20.1816, 0.3123,
0.3110

168.5229, 0.3126,
0.3200

■ 12.5271, 0.3122,
0.3080

207.8644, 0.3126,
0.3206

■ 7.1037, 0.3121,
0.3037

252.8966, 0.3126,
0.3211

■ 3.5271, 0.3118,
0.2974

304.0037, 0.3126,

■ 1.4127, 0.3112,

0.3216

0.2869

361.5704, 0.3126,
0.3220

0.2261, 0.3114,
0.2025

0.0000, 0.0000,
0.0000

60.3756, 0.3125,
0.3164

60.3756, 0.3125,
0.3164

50.8691, 0.3119,
0.2914

71.2555, 0.3129,
0.3403

42.6727, 0.3111,
0.2658

83.5533, 0.3131,
0.3628

35.7295, 0.3100,
0.2405

91.0306, 0.3137,
0.3744

29.9756, 0.3086,
0.2163

91.3416, 0.3149,
0.3742

■ 25.3414, 0.3069,
0.1942

■ 91.6564, 0.3162,
0.3740

■ 21.7502, 0.3049,
0.1753

■ 91.9750, 0.3175,
0.3739

■ 19.1153, 0.3028,
0.1602

■ 92.2974, 0.3187,
0.3737

■ 17.3364, 0.3004,
0.1494

■ 92.6236, 0.3200,
0.3735

■ 16.2905, 0.2980,
0.1430

■ 92.9537, 0.3213,
0.3733

Harmonies

Analogous

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



60.3756, 0.3039, 0.3139



60.3756, 0.3125, 0.3164



60.3756, 0.3212, 0.3221

Triad

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



60.3756, 0.3125, 0.3164



60.3756, 0.3278, 0.3426



60.3756, 0.2979, 0.3281

Complementary

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



60.3756, 0.3125, 0.3164



63.8814, 0.3129, 0.3419

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.



60.3756, 0.3042, 0.3361



60.3756, 0.3125, 0.3164



60.3756, 0.3214, 0.3445

Square

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



60.3756, 0.3125, 0.3164



60.3756, 0.3302, 0.3371



60.3756, 0.3128, 0.3421



60.3756, 0.2956, 0.3206

Rectangle

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



60.3756, 0.3125, 0.3164



60.3756, 0.3260, 0.3270



60.3756, 0.3128, 0.3421



60.3756, 0.2996, 0.3308

Sweetspot

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



60.3782, 0.3125, 0.3164



96.6972, 0.3126, 0.3241



59.4671, 0.3049, 0.3174



20.7318, 0.3126, 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.



60.3782, 0.3125, 0.3164



90.3487, 0.3125, 0.3143



60.3140, 0.3165, 0.3214



13.1899, 0.3124, 0.3129



9.8635, 0.2972, 0.1411



0.6128, 0.3016, 0.1435

Inverse Universe

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



60.0457, 0.3206, 0.3278



89.7638, 0.3219, 0.3276



63.9461, 0.3091, 0.3367



13.0966, 0.3228, 0.3275



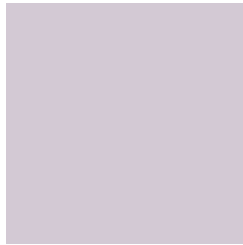
8.6793, 0.6285, 0.3236



0.5302, 0.5974, 0.3065

Previews

White Background



This preview shows how the Yxy color 60.3756, 0.3125, 0.3164 looks on a white background.

Color Contrast Check

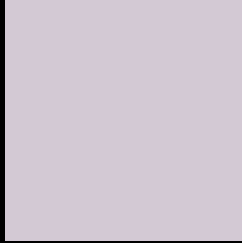
Large Text (above 18pt) WCAG AA × Fail

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 60.3756, 0.3125, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

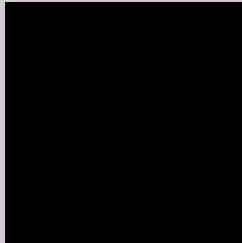
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

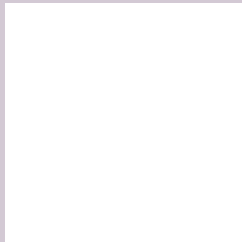
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3756, 0.3125, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 60.3756, 0.3125, 0.3164.



This preview shows how white text looks on a background with the Yxy color 60.3756, 0.3125, 0.3164.

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

60.3756, 0.3125, 0.3164

Protanopia

60.4951, 0.3072, 0.3174

Deuteranopia

60.4079, 0.3190, 0.3122



Tritanopia

60.2635, 0.3105, 0.3108

Trichromacy



Original Color

60.3756, 0.3125, 0.3164

Protanomaly

60.3106, 0.3087, 0.3163

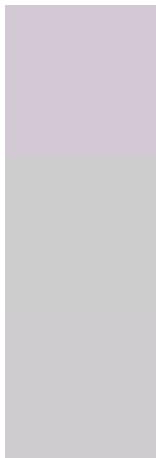
Deuteranomaly

60.4027, 0.3166, 0.3132

Tritanomaly

60.2119, 0.3112, 0.3119

Monochromacy



Original Color

60.3756, 0.3125, 0.3164

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.0052, 0.3122, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3756, 0.3125, 0.3164 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(211, 201, 212)` looks like.

```
.text, #text, p{  
    color:rgb(211, 201, 212)  
}
```

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(211, 201, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 201, 212) }
```

Border

The CSS property to change the border of an element to Yxy 60.3756, 0.3125, 0.3164 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(211, 201, 212) }
```

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

```
.border{ border-color:rgb(211, 201, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 201, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 201, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 201, 212);  
box-shadow:4px 4px 4px 4px rgb(211, 201,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3756, 0.3125, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 201, 212) }
```

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

```
.background{ background-color: rgb(211,  
201, 212) }
```

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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