

Converting Colors

$Y_{xy}(61.0475, 0.3156, 0.3215)$

Have a look what the booklet for
Yxy(61.0475, 0.3156, 0.3215)
contains.

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Color

Yxy(60.8416, 0.3154, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	D4CAD1
RGB	212, 202, 209
RGB Percent	83%, 79%, 82%
CMY	0.1686, 0.2078, 0.1804
CMYK	0.00, 0.05, 0.01, 0.17
HSL	318°, 10%, 81%
HSV	318°, 5%, 83%
XYZ	59.7802, 60.8416, 68.9159
YIQ	205.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

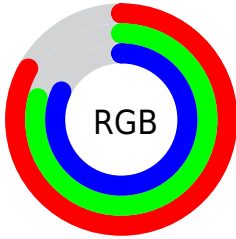
Format	Color
R _Y B	212, 202, 209
Decimal	13945553
CIE Lab	82.29, 4.71, -2.25
CIE LCh	82, 5.223, 334.521
Yxy	60.8416, 0.3154, 0.3210
Android (android.graphics.Color)	4292135633 (0xFFD4CAD1)
YUV	205.7880, 1.5835, 5.4479
Hunter-Lab	78.0010, 0.3011, 2.2165

Details

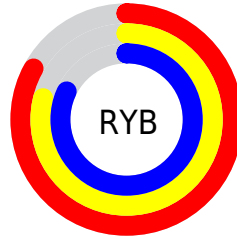
The Yxy color **60.8416, 0.3154, 0.3210** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0514, 0.3101, 0.3371**, and the grayscale version is **61.5682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.7145, 0.3153, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **51.2608, 0.3218, 0.3034**, and if you desaturate by 10%, it is **71.8068, 0.3100, 0.3377**.

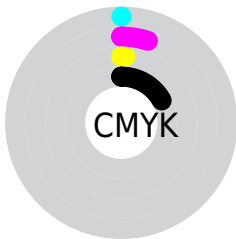
Distribution



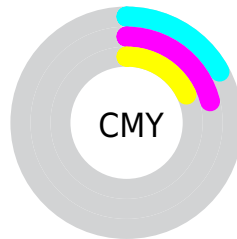
- Red (83%)
- Green (79%)
- Blue (82%)



- Red (83%)
- Yellow (79%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (17%)



- Cyan (17%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8416, 0.3154, 0.3210 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 60.8416, 0.3154, 0.3210 by changing the saturation by 10% instead.

■ 60.8416, 0.3154,
0.3210

■ 60.8416, 0.3154,
0.3210

427.6930, 0.3141,
0.3248

■ 44.0973, 0.3157,
0.3201

106.0496, 0.3150,
0.3223

■ 30.7470, 0.3161,
0.3190

135.2820, 0.3148,
0.3229

■ 20.4063, 0.3165,
0.3175

169.4461, 0.3146,
0.3233

■ 12.6907, 0.3172,
0.3156

208.9260, 0.3145,
0.3237

■ 7.2159, 0.3181,
0.3129

254.1063, 0.3144,
0.3240

■ 3.5975, 0.3194,
0.3088

305.3713, 0.3143,

■ 1.4511, 0.3216,

0.3243

0.3020

363.1054, 0.3142,
0.3246

0.2539, 0.3414,
0.2432

0.0000, 0.0000,
0.0000

60.8416, 0.3154,
0.3210

60.8416, 0.3154,
0.3210

51.2608, 0.3218,
0.3034

71.8068, 0.3100,
0.3377

43.0011, 0.3294,
0.2853

84.2010, 0.3054,
0.3534

36.0057, 0.3381,
0.2671

91.1219, 0.3016,
0.3573

30.2110, 0.3481,
0.2495

91.4815, 0.2982,
0.3505

■ 25.5474, 0.3591,
0.2335

■ 91.8541, 0.2947,
0.3437

■ 21.9385, 0.3711,
0.2201

■ 92.2401, 0.2913,
0.3371

■ 19.2981, 0.3837,
0.2104

■ 92.6393, 0.2880,
0.3305

■ 17.5265, 0.3965,
0.2052

■ 92.7368, 0.2872,
0.3289

■ 16.5020, 0.4090,
0.2050

Harmonies

Analogous

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



60.8416, 0.3087, 0.3180



60.8416, 0.3154, 0.3210



60.8416, 0.3215, 0.3261

Triad

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



60.8416, 0.3154, 0.3210



60.8416, 0.3224, 0.3402



60.8416, 0.3004, 0.3259

Complementary

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



60.8416, 0.3154, 0.3210



64.0514, 0.3101, 0.3371

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.



60.8416, 0.3040, 0.3319



60.8416, 0.3154, 0.3210



60.8416, 0.3167, 0.3403

Square

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



60.8416, 0.3154, 0.3210



60.8416, 0.3256, 0.3371



60.8416, 0.3100, 0.3372



60.8416, 0.3000, 0.3208

Rectangle

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



60.8416, 0.3154, 0.3210



60.8416, 0.3243, 0.3300



60.8416, 0.3100, 0.3372



60.8416, 0.3013, 0.3279

Sweetspot

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



60.8442, 0.3154, 0.3210



98.3347, 0.3133, 0.3273



59.9531, 0.3078, 0.3174



21.0652, 0.3132, 0.3274



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.



60.8442, 0.3154, 0.3210



90.3318, 0.3162, 0.3187



60.6084, 0.3189, 0.3265



13.1873, 0.3165, 0.3177



9.9885, 0.4138, 0.2053



0.6168, 0.3940, 0.1944

Inverse Universe

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



60.8442, 0.3154, 0.3210



90.3318, 0.3162, 0.3187



64.2885, 0.3069, 0.3315



13.1873, 0.3165, 0.3177



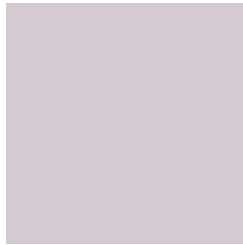
9.9885, 0.4138, 0.2053



0.6168, 0.3940, 0.1944

Previews

White Background



This preview shows how the Yxy color 60.8416, 0.3154, 0.3210 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 60.8416, 0.3154, 0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

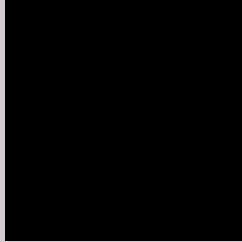
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

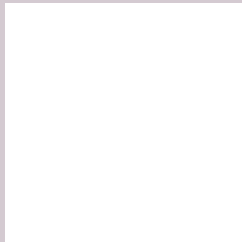
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8416, 0.3154, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 60.8416, 0.3154, 0.3210.

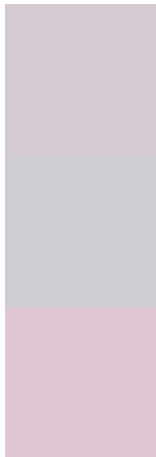


This preview shows how white text looks on a background with the Yxy color 60.8416, 0.3154, 0.3210.

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

60.8416, 0.3154, 0.3210

Protanopia

61.1043, 0.3108, 0.3221

Deuteranopia

60.5709, 0.3228, 0.3156



Tritanopia

60.9292, 0.3105, 0.3109

Trichromacy



Original Color

60.8416, 0.3154, 0.3210

Protanomaly

60.9203, 0.3123, 0.3210

Deuteranomaly

60.4054, 0.3196, 0.3166

Tritanomaly

60.7745, 0.3126, 0.3142

Monochromacy



Original Color

60.8416, 0.3154, 0.3210

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.5775, 0.3136, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8416, 0.3154, 0.3210 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(212, 202, 209) looks like.

```
.text, #text, p{  
    color:rgb(212, 202, 209)  
}
```

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(212, 202, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 202, 209) }
```

Border

The CSS property to change the border of an element to Yxy 60.8416, 0.3154, 0.3210 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(212, 202, 209) }
```

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

```
.border{ border-color:rgb(212, 202, 209) }
```

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

Here you see how a box with a 4 pixel rgb(212, 202, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 202, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 202, 209);  
box-shadow:4px 4px 4px 4px rgb(212, 202,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8416, 0.3154, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 202, 209) }
```

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

```
.background{ background-color: rgb(212,  
202, 209) }
```

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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