

Converting Colors

$Y_{xy}(60.6008, 0.3211, 0.3224)$

Have a look what the booklet for
Yxy(60.6008, 0.3211, 0.3224)
contains.

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Color

Yxy(60.3637, 0.3209, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	D8C8CE
RGB	216, 200, 206
RGB Percent	85%, 78%, 81%
CMY	0.1528, 0.2157, 0.1922
CMYK	0.00, 0.07, 0.05, 0.15
HSL	338°, 17%, 82%
HSV	338°, 7%, 85%
XYZ	60.1201, 60.3637, 66.8647
YIQ	205.4680, 7.6100, 5.2580

Conversions

Conversions Part 2

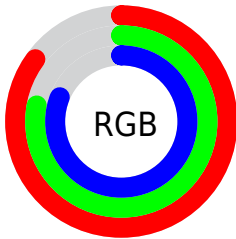
Format	Color
R _Y B	216, 200, 206
Decimal	14207182
CIE Lab	82.04, 6.64, -0.97
CIE LCh	82, 6.708, 351.680
Yxy	60.3637, 0.3209, 0.3222
Android (android.graphics.Color)	4292397262 (0xFFD8C8CE)
YUV	205.4680, 0.2623, 9.2366
Hunter-Lab	77.6941, 2.1597, 3.3600

Details

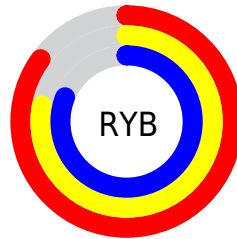
The Yxy color **60.3637, 0.3209, 0.3222** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0652, 0.3052, 0.3359**, and the grayscale version is **61.3622, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.4018, 0.3226, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **50.4270, 0.3340, 0.3125**, and if you desaturate by 10%, it is **71.7763, 0.3102, 0.3313**.

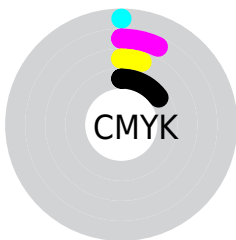
Distribution



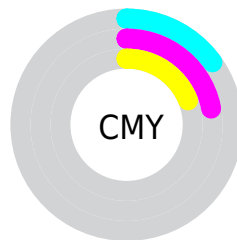
- Red (85%)
- Green (78%)
- Blue (81%)



- Red (85%)
- Yellow (78%)
- Blue (81%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3637, 0.3209, 0.3222 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 60.3637, 0.3209, 0.3222 by changing the saturation by 10% instead.

■ 60.3637, 0.3209,
0.3222

■ 60.3637, 0.3209,
0.3222

425.9371, 0.3170,
0.3255

■ 43.7119, 0.3218,
0.3214

105.3571, 0.3195,
0.3233

■ 30.4440, 0.3230,
0.3205

134.4674, 0.3190,
0.3238

■ 20.1759, 0.3245,
0.3192

168.4993, 0.3185,
0.3242

■ 12.5230, 0.3265,
0.3176

207.8373, 0.3181,
0.3245

■ 7.1009, 0.3294,
0.3152

252.8656, 0.3178,
0.3248

■ 3.5253, 0.3337,
0.3117

303.9688, 0.3175,

■ 1.4117, 0.3411,

0.3250

361.5311, 0.3172,
0.3253

0.3057

0.2253, 0.4113,
0.2463

0.0000, 0.0000,
0.0000

60.3637, 0.3209,
0.3222

60.3637, 0.3209,
0.3222

50.4270, 0.3340,
0.3125

71.7763, 0.3102,
0.3313

41.8977, 0.3500,
0.3025

84.7137, 0.3014,
0.3397

34.7141, 0.3693,
0.2924

92.8152, 0.2939,
0.3376

28.8063, 0.3923,
0.2828

93.3447, 0.2894,
0.3289

■ 24.0984, 0.4190,
0.2747

■ 20.5063, 0.4491,
0.2691

■ 17.9346, 0.4814,
0.2673

■ 16.2720, 0.5137,
0.2704

■ 15.3678, 0.5437,
0.2786

Harmonies

Analogous

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



60.3637, 0.3124, 0.3167



60.3637, 0.3209, 0.3222



60.3637, 0.3273, 0.3295

Triad

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



60.3637, 0.3209, 0.3222



60.3637, 0.3213, 0.3440



60.3637, 0.2961, 0.3209

Complementary

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



60.3637, 0.3209, 0.3222



66.0652, 0.3052, 0.3359

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.



60.3637, 0.2984, 0.3283



60.3637, 0.3209, 0.3222



60.3637, 0.3129, 0.3418

Square

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



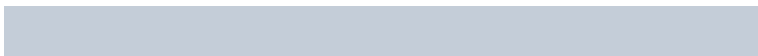
60.3637, 0.3209, 0.3222



60.3637, 0.3275, 0.3422



60.3637, 0.3045, 0.3360



60.3637, 0.2981, 0.3158

Rectangle

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



60.3637, 0.3209, 0.3222



60.3637, 0.3294, 0.3345



60.3637, 0.3045, 0.3360



60.3637, 0.2964, 0.3232

Sweetspot

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



60.3663, 0.3209, 0.3222



96.5849, 0.3148, 0.3272



59.9512, 0.3088, 0.3107



20.7089, 0.3147, 0.3273



0.0000, 0.0000, 0.0000



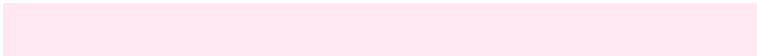
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.3663, 0.3209, 0.3222



85.3295, 0.3229, 0.3206



60.9530, 0.3252, 0.3312



12.4967, 0.3233, 0.3203



9.0089, 0.5471, 0.2788



0.5592, 0.4999, 0.2528

Inverse Universe

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



60.3663, 0.3209, 0.3222



85.3295, 0.3229, 0.3206



65.4157, 0.3013, 0.3268



12.4967, 0.3233, 0.3203



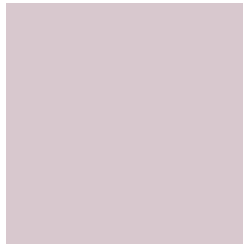
9.0089, 0.5471, 0.2788



0.5592, 0.4999, 0.2528

Previews

White Background



This preview shows how the Yxy color 60.3637, 0.3209, 0.3222 looks on a white background.

Color Contrast Check

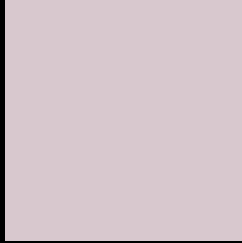
Large Text (above 18pt) WCAG AA × Fail

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 60.3637, 0.3209, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

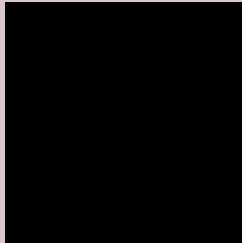
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

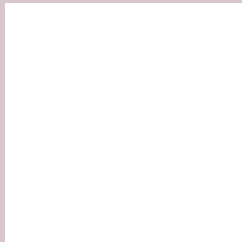
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3637, 0.3209, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 60.3637, 0.3209, 0.3222.



This preview shows how white text looks on a background with the Yxy color 60.3637, 0.3209, 0.3222.

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

60.3637, 0.3209, 0.3222

Protanopia

60.5313, 0.3122, 0.3232

Deuteranopia

60.5324, 0.3266, 0.3201



Tritanopia

60.4536, 0.3158, 0.3121

Trichromacy



Original Color

60.3637, 0.3209, 0.3222

Protanomaly

60.4477, 0.3153, 0.3232

Deuteranomaly

60.5187, 0.3241, 0.3211

Tritanomaly

60.3017, 0.3180, 0.3154

Monochromacy



Original Color

60.3637, 0.3209, 0.3222

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.6750, 0.3159, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3637, 0.3209, 0.3222 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(216, 200, 206)` looks like.

```
.text, #text, p{  
    color:rgb(216, 200, 206)  
}
```

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(216, 200, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 200, 206) }
```

Border

The CSS property to change the border of an element to Yxy 60.3637, 0.3209, 0.3222 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(216, 200, 206) }
```

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

```
.border{ border-color:rgb(216, 200, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 200, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 200, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 200, 206);  
box-shadow:4px 4px 4px 4px rgb(216, 200,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3637, 0.3209, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 200, 206) }
```

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

```
.background{ background-color: rgb(216,  
200, 206) }
```

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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