

Converting Colors

$Y_{xy}(59.5260, 0.3211, 0.3202)$

Have a look what the booklet for
Yxy(59.5260, 0.3211, 0.3202)
contains.

Yxy(59.4433, 0.3210, 0.3199)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.4433, 0.3210, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	D8C6CE
RGB	216, 198, 206
RGB Percent	85%, 78%, 81%
CMY	0.1531, 0.2235, 0.1921
CMYK	0.00, 0.08, 0.05, 0.15
HSL	333°, 19%, 81%
HSV	333°, 8%, 85%
XYZ	59.6477, 59.4433, 66.7274
YIQ	204.2940, 8.1600, 6.3040

Conversions

Conversions Part 2

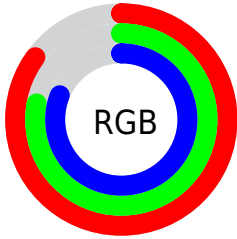
Format	Color
R _Y B	216, 198, 206
Decimal	14206670
CIE Lab	81.53, 7.67, -1.72
CIE LCh	82, 7.859, 347.375
Yxy	59.4433, 0.3210, 0.3199
Android (android.graphics.Color)	4292396750 (0xFFD8C6CE)
YUV	204.2940, 0.8411, 10.2662
Hunter-Lab	77.0995, 3.1717, 2.6558

Details

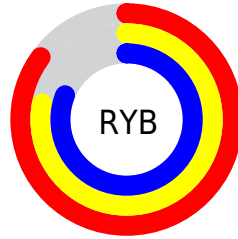
The Yxy color **59.4433, 0.3210, 0.3199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6575, 0.3051, 0.3383**, and the grayscale version is **60.5695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.7906, 0.3228, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **49.7053, 0.3329, 0.3084**, and if you desaturate by 10%, it is **70.6386, 0.3112, 0.3308**.

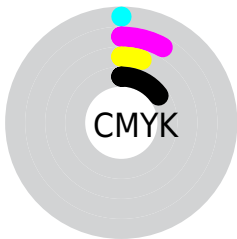
Distribution



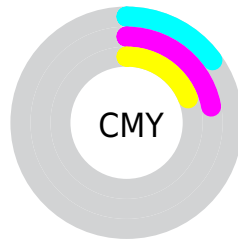
- Red (85%)
- Green (78%)
- Blue (81%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4433, 0.3210, 0.3199 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 59.4433, 0.3210, 0.3199 by changing the saturation by 10% instead.

■ 59.4433, 0.3210,
0.3199

■ 59.4433, 0.3210,
0.3199

422.5427, 0.3170,
0.3242

■ 42.9701, 0.3219,
0.3189

104.0217, 0.3196,
0.3214

■ 29.8616, 0.3231,
0.3176

132.8956, 0.3191,
0.3220

■ 19.7336, 0.3246,
0.3159

166.6719, 0.3186,
0.3225

■ 12.2015, 0.3267,
0.3137

205.7350, 0.3182,
0.3230

■ 6.8811, 0.3296,
0.3106

250.4692, 0.3179,
0.3233

■ 3.3878, 0.3340,
0.3058

301.2590, 0.3176,

■ 1.3374, 0.3415,

0.3237

0.2978

358.4887, 0.3173,
0.3240

0.1699, 0.4233,
0.2063

0.0000, 0.0000,
0.0000

59.4433, 0.3210,
0.3199

59.4433, 0.3210,
0.3199

49.7053, 0.3329,
0.3084

70.6386, 0.3112,
0.3308

41.3567, 0.3473,
0.2964

83.3402, 0.3031,
0.3409

34.3354, 0.3645,
0.2845

92.5225, 0.2964,
0.3424

28.5719, 0.3847,
0.2732

93.2661, 0.2900,
0.3300

■ 23.9902, 0.4081,
0.2634

■ 93.3345, 0.2894,
0.3289

■ 20.5058, 0.4342,
0.2565

■ 18.0229, 0.4621,
0.2536

■ 16.4292, 0.4903,
0.2558

■ 15.5587, 0.5170,
0.2632

Harmonies

Analogous

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



59.4433, 0.3108, 0.3139



59.4433, 0.3210, 0.3199



59.4433, 0.3290, 0.3283

Triad

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



59.4433, 0.3210, 0.3199



59.4433, 0.3241, 0.3467



59.4433, 0.2932, 0.3205

Complementary

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



59.4433, 0.3210, 0.3199



65.6575, 0.3051, 0.3383

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.



59.4433, 0.2967, 0.3294



59.4433, 0.3210, 0.3199



59.4433, 0.3144, 0.3448

Square

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



59.4433, 0.3210, 0.3199



59.4433, 0.3308, 0.3438



59.4433, 0.3043, 0.3384



59.4433, 0.2949, 0.3141

Rectangle

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



59.4433, 0.3210, 0.3199



59.4433, 0.3320, 0.3342



59.4433, 0.3043, 0.3384



59.4433, 0.2938, 0.3233

Sweetspot

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



59.4459, 0.3210, 0.3199



96.6082, 0.3146, 0.3268



58.7451, 0.3074, 0.3084



20.7137, 0.3145, 0.3269



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.



59.4459, 0.3210, 0.3199



83.9178, 0.3230, 0.3179



59.4788, 0.3269, 0.3301



12.5118, 0.3222, 0.3187



9.1638, 0.5177, 0.2626



0.5692, 0.4752, 0.2392

Inverse Universe

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



59.4459, 0.3210, 0.3199



83.9178, 0.3230, 0.3179



65.6023, 0.2999, 0.3279



12.5118, 0.3222, 0.3187



9.1638, 0.5177, 0.2626



0.5692, 0.4752, 0.2392

Previews

White Background



This preview shows how the Yxy color 59.4433, 0.3210, 0.3199 looks on a white background.

Color Contrast Check

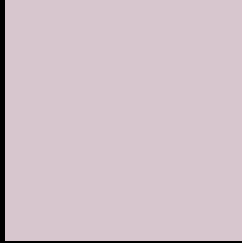
Large Text (above 18pt) WCAG AA × Fail

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 59.4433, 0.3210, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

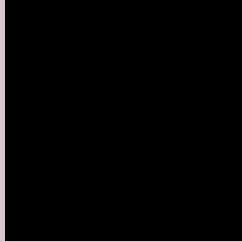
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4433, 0.3210, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 59.4433, 0.3210, 0.3199.



This preview shows how white text looks on a background with the Yxy color 59.4433, 0.3210, 0.3199.

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

59.4433, 0.3210, 0.3199

Protanopia

59.7743, 0.3107, 0.3220

Deuteranopia

59.3082, 0.3252, 0.3178



Tritanopia

59.4377, 0.3174, 0.3120

Trichromacy



Original Color

59.4433, 0.3210, 0.3199

Protanomaly

59.8336, 0.3146, 0.3221

Deuteranomaly

59.4488, 0.3235, 0.3188

Tritanomaly

59.3374, 0.3189, 0.3143

Monochromacy



Original Color

59.4433, 0.3210, 0.3199

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.0587, 0.3152, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4433, 0.3210, 0.3199 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, 198, 206)` looks like.

```
.text, #text, p{  
    color:rgb(216, 198, 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, 198, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 198, 206) }
```

Border

The CSS property to change the border of an element to Yxy 59.4433, 0.3210, 0.3199 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, 198, 206) }
```

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

```
.border{ border-color:rgb(216, 198, 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, 198, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 198, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 198, 206);  
box-shadow:4px 4px 4px 4px rgb(216, 198,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4433, 0.3210, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 198, 206) }
```

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

```
.background{ background-color: rgb(216,  
198, 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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