

Converting Colors

Yxy(59.4034, 0.3270, 0.3269)

Have a look what the booklet for
Yxy(59.4034, 0.3270, 0.3269)
contains.

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Color

Yxy(59.4637, 0.3271, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	DAC6C8
RGB	218, 198, 200
RGB Percent	85%, 78%, 78%
CMY	0.1453, 0.2234, 0.2157
CMYK	0.00, 0.09, 0.08, 0.15
HSL	354°, 21%, 82%
HSV	354°, 9%, 85%
XYZ	59.5183, 59.4637, 62.9755
YIQ	204.2080, 11.2780, 4.8620

Conversions

Conversions Part 2

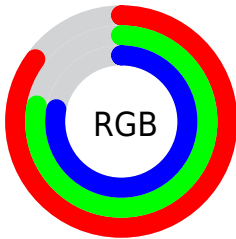
Format	Color
R _Y B	218, 198, 200
Decimal	14337736
CIE Lab	81.55, 7.31, 1.55
CIE LCh	82, 7.473, 11.948
Yxy	59.4637, 0.3271, 0.3268
Android (android.graphics.Color)	4292527816 (0xFFDAC6C8)
YUV	204.2080, -2.0745, 12.0956
Hunter-Lab	77.1127, 2.8253, 5.5587

Details

The Yxy color **59.4637, 0.3271, 0.3268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0788, 0.2999, 0.3312**, and the grayscale version is **60.5269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.8084, 0.3310, 0.3260** is the 20% darker color. If you saturate the color by 10%, you get **49.3474, 0.3465, 0.3242**, and if you desaturate by 10%, it is **71.1369, 0.3115, 0.3292**.

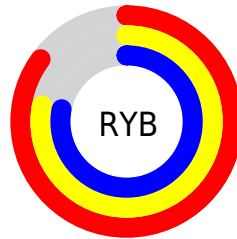
Distribution



Red (85%)

Green (78%)

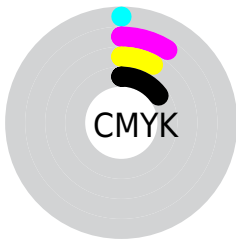
Blue (78%)



Red (85%)

Yellow (78%)

Blue (78%)

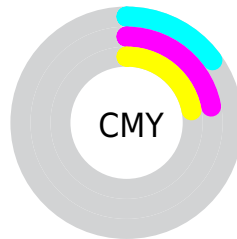


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (15%)



Cyan (15%)


Magenta (22%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4637, 0.3271, 0.3268 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 59.4637, 0.3271, 0.3268 by changing the saturation by 10% instead.


 59.4637, 0.3271,
0.3268

 59.4637, 0.3271,
0.3268


422.6182, 0.3202,
0.3279

 42.9865, 0.3288,
0.3265


104.0513, 0.3246,
0.3272

 29.8745, 0.3308,
0.3262


132.9305, 0.3237,
0.3273

 19.7434, 0.3335,
0.3257


166.7125, 0.3229,
0.3275

 12.2086, 0.3372,
0.3251

205.7817, 0.3222,
0.3276

 6.8859, 0.3423,
0.3242

250.5224, 0.3216,
0.3277

 3.3909, 0.3503,
0.3228

301.3192, 0.3211,

 1.3390, 0.3641,

0.3278

0.3202

358.5563, 0.3206,
0.3278

0.1711, 0.5778,
0.2898

0.0000, 0.0000,
0.0000

59.4637, 0.3271,
0.3268

59.4637, 0.3271,
0.3268

49.3474, 0.3465,
0.3242

71.1369, 0.3115,
0.3292

40.7149, 0.3707,
0.3216

84.4206, 0.2990,
0.3314

33.4985, 0.4004,
0.3190

93.6364, 0.2905,
0.3289

27.6227, 0.4362,
0.3168

■ 23.0047, 0.4777,
0.3153

■ 19.5526, 0.5228,
0.3150

■ 17.1618, 0.5669,
0.3166

■ 15.7092, 0.6039,
0.3200

■ 14.9997, 0.6285,
0.3243

Harmonies

Analogous

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



59.4637, 0.3189, 0.3191



59.4637, 0.3271, 0.3268



59.4637, 0.3314, 0.3352

Triad

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



59.4637, 0.3271, 0.3268



59.4637, 0.3161, 0.3447



59.4637, 0.2951, 0.3157

Complementary

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



59.4637, 0.3271, 0.3268



67.0788, 0.2999, 0.3312

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.



59.4637, 0.2944, 0.3224



59.4637, 0.3271, 0.3268



59.4637, 0.3064, 0.3393

Square

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



59.4637, 0.3271, 0.3268



59.4637, 0.3249, 0.3457



59.4637, 0.2985, 0.3310



59.4637, 0.3005, 0.3127

Rectangle

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



59.4637, 0.3271, 0.3268



59.4637, 0.3314, 0.3401



59.4637, 0.2985, 0.3310



59.4637, 0.2943, 0.3176

Sweetspot

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



59.4663, 0.3271, 0.3268



94.7795, 0.3172, 0.3283



60.0506, 0.3122, 0.3066



19.9956, 0.3184, 0.3281



0.0000, 0.0000, 0.0000



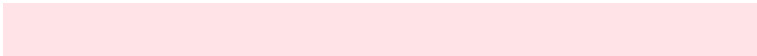
21.4041, 0.3127, 0.3290

Same Dimension

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



59.4663, 0.3271, 0.3268



81.8678, 0.3306, 0.3263



63.1139, 0.3276, 0.3381



13.0722, 0.3276, 0.3267



8.9706, 0.6281, 0.3234



0.5884, 0.5979, 0.3067

Inverse Universe

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



59.4663, 0.3271, 0.3268



81.8678, 0.3306, 0.3263



63.1494, 0.2986, 0.3197



13.0722, 0.3276, 0.3267



8.9706, 0.6281, 0.3234



0.5884, 0.5979, 0.3067

Previews

White Background



This preview shows how the Yxy color 59.4637, 0.3271, 0.3268 looks on a white background.

Color Contrast Check

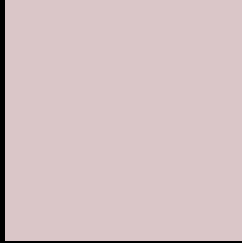
Large Text (above 18pt) WCAG AA × Fail

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 59.4637, 0.3271, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

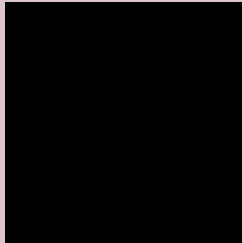
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4637, 0.3271, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 59.4637, 0.3271, 0.3268.



This preview shows how white text looks on a background with the Yxy color 59.4637, 0.3271, 0.3268.

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

59.4637, 0.3271, 0.3268

Protanopia

59.6271, 0.3158, 0.3290

Deuteranopia

59.3380, 0.3314, 0.3245



Tritanopia

59.4490, 0.3199, 0.3110

Trichromacy



Original Color

59.4637, 0.3271, 0.3268

Protanomaly

59.6920, 0.3197, 0.3290

Deuteranomaly

59.4748, 0.3297, 0.3256

Tritanomaly

59.5466, 0.3220, 0.3166

Monochromacy



Original Color

59.4637, 0.3271, 0.3268

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.1082, 0.3174, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4637, 0.3271, 0.3268 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(218, 198, 200) looks like.

```
.text, #text, p{  
    color:rgb(218, 198, 200)  
}
```

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(218, 198, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 198, 200) }
```

Border

The CSS property to change the border of an element to Yxy 59.4637, 0.3271, 0.3268 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(218, 198, 200) }
```

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

```
.border{ border-color:rgb(218, 198, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 198, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 198, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 198, 200);  
box-shadow:4px 4px 4px 4px rgb(218, 198,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4637, 0.3271, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 198, 200) }
```

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

```
.background{ background-color: rgb(218,  
198, 200) }
```

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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