

Converting Colors

Yxy(59.1722, 0.3153, 0.3159)

Have a look what the booklet for
Yxy(59.1722, 0.3153, 0.3159)
contains.

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Color

Yxy(59.0384, 0.3149, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	D4C6D2
RGB	212, 198, 210
RGB Percent	83%, 78%, 82%
CMY	0.1686, 0.2235, 0.1763
CMYK	0.00, 0.07, 0.01, 0.17
HSL	308°, 14%, 80%
HSV	308°, 7%, 83%
XYZ	58.9822, 59.0384, 69.2840
YIQ	203.5540, 4.4920, 6.7000

Conversions

Conversions Part 2

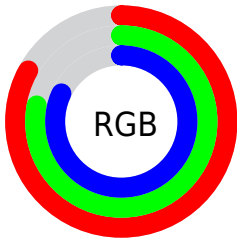
Format	Color
R _Y B	212, 198, 210
Decimal	13944530
CIE Lab	81.31, 7.03, -4.24
CIE LCh	81, 8.209, 328.879
Yxy	59.0384, 0.3149, 0.3152
Android (android.graphics.Color)	4292134610 (0xFFD4C6D2)
YUV	203.5540, 3.1779, 7.4071
Hunter-Lab	76.8364, 2.5587, 0.3233

Details

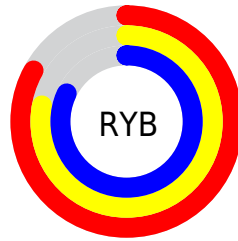
The Yxy color **59.0384, 0.3149, 0.3152** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2623, 0.3106, 0.3432**, and the grayscale version is **60.0677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.5149, 0.3146, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **49.8711, 0.3186, 0.2937**, and if you desaturate by 10%, it is **69.5700, 0.3117, 0.3359**.

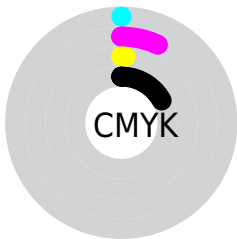
Distribution



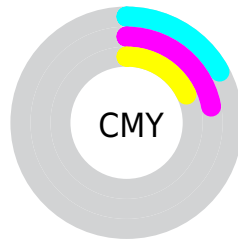
- Red (83%)
- Green (78%)
- Blue (82%)



- Red (83%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0384, 0.3149, 0.3152 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 59.0384, 0.3149, 0.3152 by changing the saturation by 10% instead.

■ 59.0384, 0.3149,
0.3152

■ 59.0384, 0.3149,
0.3152

421.0442, 0.3139,
0.3218

■ 42.6440, 0.3151,
0.3137

103.4335, 0.3145,
0.3175

■ 29.6059, 0.3154,
0.3117

132.2030, 0.3144,
0.3184

■ 19.5397, 0.3158,
0.3092

165.8663, 0.3143,
0.3192

■ 12.0609, 0.3163,
0.3059

204.8078, 0.3142,
0.3198

■ 6.7851, 0.3169,
0.3012

249.4120, 0.3141,
0.3204

■ 3.3281, 0.3179,
0.2942

300.0632, 0.3140,

■ 1.3053, 0.3194,

0.3209

0.2824

357.1458, 0.3140,
0.3214

0.1453, 0.3404,
0.1597

0.0000, 0.0000,
0.0000

59.0384, 0.3149,
0.3152

59.0384, 0.3149,
0.3152

49.8711, 0.3186,
0.2937

69.5700, 0.3117,
0.3359

42.0045, 0.3228,
0.2718

81.5111, 0.3089,
0.3555

35.3811, 0.3274,
0.2502

90.6296, 0.3067,
0.3672

29.9363, 0.3324,
0.2299

90.7876, 0.3050,
0.3640

■ 25.5996, 0.3377,
0.2116

■ 90.9483, 0.3034,
0.3607

■ 22.2930, 0.3431,
0.1965

■ 91.1119, 0.3017,
0.3575

■ 19.9285, 0.3485,
0.1853

■ 91.2784, 0.3001,
0.3543

■ 18.4029, 0.3537,
0.1785

■ 91.4477, 0.2985,
0.3511

■ 17.5843, 0.3586,
0.1761

■ 91.6199, 0.2969,
0.3479

Harmonies

Analogous

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



59.0384, 0.3043, 0.3113



59.0384, 0.3149, 0.3152



59.0384, 0.3250, 0.3227

Triad

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



59.0384, 0.3149, 0.3152



59.0384, 0.3295, 0.3462



59.0384, 0.2939, 0.3257

Complementary

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



59.0384, 0.3149, 0.3152



63.2623, 0.3106, 0.3432

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.



59.0384, 0.3004, 0.3354



59.0384, 0.3149, 0.3152



59.0384, 0.3209, 0.3474

Square

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



59.0384, 0.3149, 0.3152



59.0384, 0.3335, 0.3405



59.0384, 0.3103, 0.3434



59.0384, 0.2924, 0.3171

Rectangle

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



59.0384, 0.3149, 0.3152



59.0384, 0.3301, 0.3287



59.0384, 0.3103, 0.3434



59.0384, 0.2956, 0.3289

Sweetspot

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



59.0410, 0.3149, 0.3152



96.7431, 0.3134, 0.3248



57.4032, 0.3041, 0.3125



20.7411, 0.3133, 0.3250



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.



59.0410, 0.3149, 0.3152



87.4850, 0.3154, 0.3121



58.7041, 0.3200, 0.3231



12.6014, 0.3159, 0.3092



10.7442, 0.3596, 0.1755



0.6565, 0.3519, 0.1712

Inverse Universe

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



59.0410, 0.3149, 0.3152



87.4850, 0.3154, 0.3121



63.5924, 0.3060, 0.3350



12.6014, 0.3159, 0.3092



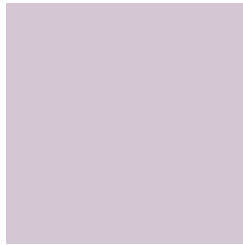
10.7442, 0.3596, 0.1755



0.6565, 0.3519, 0.1712

Previews

White Background



This preview shows how the Yxy color 59.0384, 0.3149, 0.3152 looks on a white background.

Color Contrast Check

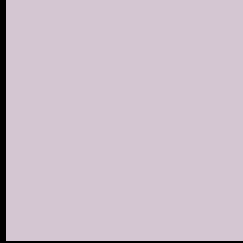
Large Text (above 18pt) WCAG AA × Fail

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 59.0384, 0.3149, 0.3152 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

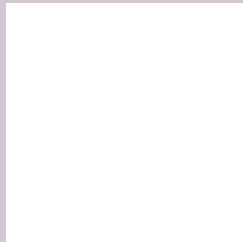
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0384, 0.3149, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 59.0384, 0.3149, 0.3152.



This preview shows how white text looks on a background with the Yxy color 59.0384, 0.3149, 0.3152.

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

59.0384, 0.3149, 0.3152

Protanopia

59.2233, 0.3064, 0.3162

Deuteranopia

59.0384, 0.3198, 0.3132



Tritanopia

59.1893, 0.3127, 0.3119

Trichromacy



Original Color

59.0384, 0.3149, 0.3152

Protanomaly

59.1335, 0.3095, 0.3162

Deuteranomaly

59.1846, 0.3181, 0.3142

Tritanomaly

59.1387, 0.3135, 0.3130

Monochromacy



Original Color

59.0384, 0.3149, 0.3152

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.9627, 0.3137, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0384, 0.3149, 0.3152 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, 198, 210)` looks like.

```
.text, #text, p{  
    color:rgb(212, 198, 210)  
}
```

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, 198, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 198, 210) }
```

Border

The CSS property to change the border of an element to Yxy 59.0384, 0.3149, 0.3152 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, 198, 210) }
```

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

```
.border{ border-color:rgb(212, 198, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 198, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 198, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 198, 210); box-shadow:4px 4px 4px 4px rgb(212, 198, 210) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0384, 0.3149, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 198, 210) }
```

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

```
.background{ background-color: rgb(212,  
198, 210) }
```

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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