

Converting Colors

$Yxy(58.7166, 0.3239, 0.3122)$

Have a look what the booklet for
Yxy(58.7166, 0.3239, 0.3122)
contains.

Yxy(58.7166, 0.3239, 0.3122)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.7166, 0.3239, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	DEC2D1
RGB	222, 194, 209
RGB Percent	87%, 76%, 82%
CMY	0.1295, 0.2392, 0.1804
CMYK	0.00, 0.13, 0.06, 0.13
HSL	328°, 30%, 82%
HSV	328°, 13%, 87%
XYZ	60.9171, 58.7166, 68.4400
YIQ	204.0820, 11.8730, 10.6010

Conversions

Conversions Part 2

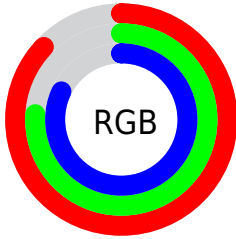
Format	Color
R _Y B	222, 194, 209
Decimal	14598865
CIE Lab	81.14, 12.40, -3.85
CIE LCh	81, 12.987, 342.770
Yxy	58.7166, 0.3239, 0.3122
Android (android.graphics.Color)	4292788945 (0xFFDEC2D1)
YUV	204.0820, 2.4246, 15.7141
Hunter-Lab	76.6268, 7.8079, 0.6832

Details

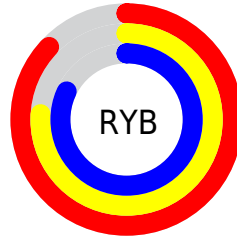
The Yxy color **58.7166, 0.3239, 0.3122** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2033, 0.3029, 0.3464**, and the grayscale version is **60.4163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **29.3382, 0.3267, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **49.0706, 0.3348, 0.2981**, and if you desaturate by 10%, it is **69.8765, 0.3148, 0.3256**.

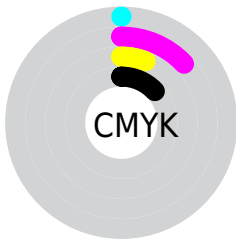
Distribution



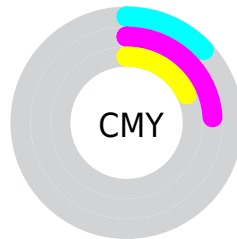
- Red (87%)
- Green (76%)
- Blue (82%)



- Red (87%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (13%)





- Cyan (13%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7166, 0.3239, 0.3122 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 58.7166, 0.3239, 0.3122 by changing the saturation by 10% instead.

 58.7166, 0.3239,
0.3122

 58.7166, 0.3239,
0.3122


419.8509, 0.3186,
0.3202

 42.3850, 0.3252,
0.3103

 102.9657, 0.3220,
0.3150

 29.4029, 0.3267,
0.3080


131.6519, 0.3213,
0.3161

 19.3858, 0.3288,
0.3050


165.2252, 0.3207,
0.3170

 11.9494, 0.3315,
0.3009

204.0699, 0.3202,
0.3178

 6.7092, 0.3353,
0.2953

248.5705, 0.3197,
0.3185

 3.2809, 0.3411,
0.2869

299.1112, 0.3193,

 1.2801, 0.3508,

0.3191

0.2728

356.0765, 0.3189,
0.3197

0.1257, 0.4427,
0.1318

0.0000, 0.0000,
0.0000

58.7166, 0.3239,
0.3122

58.7166, 0.3239,
0.3122

49.0706, 0.3348,
0.2981

69.8765, 0.3148,
0.3256

40.8650, 0.3478,
0.2838

82.6044, 0.3073,
0.3383

34.0316, 0.3631,
0.2698

93.3307, 0.3011,
0.3444

28.4937, 0.3807,
0.2568

93.9603, 0.2954,
0.3338

■ 24.1669, 0.4006,
0.2461

■ 94.2650, 0.2929,
0.3289

■ 20.9568, 0.4221,
0.2387

■ 18.7547, 0.4447,
0.2360

■ 17.4297, 0.4670,
0.2386

■ 16.8553, 0.4831,
0.2435

Harmonies

Analogous

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



58.7166, 0.3069, 0.3033



58.7166, 0.3239, 0.3122



58.7166, 0.3382, 0.3254

Triad

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



58.7166, 0.3239, 0.3122



58.7166, 0.3336, 0.3583



58.7166, 0.2810, 0.3167

Complementary

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



58.7166, 0.3239, 0.3122



68.2033, 0.3029, 0.3464

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.



58.7166, 0.2877, 0.3319



58.7166, 0.3239, 0.3122



58.7166, 0.3179, 0.3565

Square

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



58.7166, 0.3239, 0.3122



58.7166, 0.3438, 0.3520



58.7166, 0.3011, 0.3467



58.7166, 0.2824, 0.3055

Rectangle

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



58.7166, 0.3239, 0.3122



58.7166, 0.3441, 0.3351



58.7166, 0.3011, 0.3467



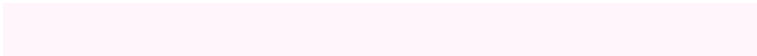
58.7166, 0.2823, 0.3216

Sweetspot

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



58.7192, 0.3239, 0.3122



93.3626, 0.3160, 0.3238



57.0706, 0.3023, 0.2969



19.7246, 0.3167, 0.3228



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.



58.7192, 0.3239, 0.3122



76.8856, 0.3265, 0.3087



58.0749, 0.3344, 0.3275



13.8227, 0.3209, 0.3165



10.0374, 0.4801, 0.2418



0.7138, 0.4489, 0.2246

Inverse Universe

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



58.7192, 0.3239, 0.3122



76.8856, 0.3265, 0.3087



68.8964, 0.2944, 0.3305



13.8227, 0.3209, 0.3165



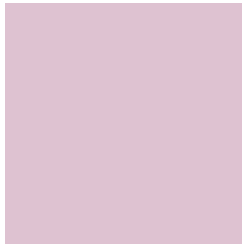
10.0374, 0.4801, 0.2418



0.7138, 0.4489, 0.2246

Previews

White Background



This preview shows how the Yxy color 58.7166, 0.3239, 0.3122 looks on a white background.

Color Contrast Check

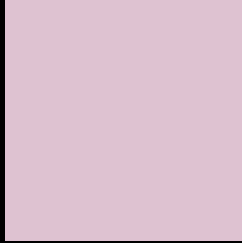
Large Text (above 18pt) WCAG AA × Fail

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 58.7166, 0.3239, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

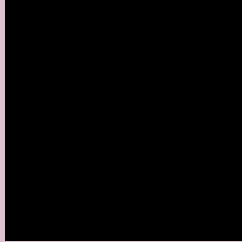
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7166, 0.3239, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 58.7166, 0.3239, 0.3122.



This preview shows how white text looks on a background with the Yxy color 58.7166, 0.3239, 0.3122.

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

58.7166, 0.3239, 0.3122

Protanopia

58.6692, 0.3050, 0.3138

Deuteranopia

58.9887, 0.3205, 0.3143



Tritanopia

58.7166, 0.3239, 0.3122

Trichromacy



Original Color

58.7166, 0.3239, 0.3122

Protanomaly

58.6969, 0.3111, 0.3129

Deuteranomaly

58.6937, 0.3214, 0.3132

Tritanomaly

58.7166, 0.3239, 0.3122

Monochromacy



Original Color

58.7166, 0.3239, 0.3122

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.6137, 0.3169, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7166, 0.3239, 0.3122 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(222, 194, 209)` looks like.

```
.text, #text, p{  
    color:rgb(222, 194, 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(222, 194, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 194, 209) }
```

Border

The CSS property to change the border of an element to Yxy 58.7166, 0.3239, 0.3122 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(222, 194, 209) }
```

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

```
.border{ border-color:rgb(222, 194, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 194, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 194, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 194, 209);  
box-shadow:4px 4px 4px 4px rgb(222, 194,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7166, 0.3239, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 194, 209) }
```

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

```
.background{ background-color: rgb(222,  
194, 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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