

Converting Colors

Yxy(58.2968, 0.3208, 0.3109)

Have a look what the booklet for
Yxy(58.2968, 0.3208, 0.3109)
contains.

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Color

Yxy(58.2968, 0.3208, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	DBC2D2
RGB	219, 194, 210
RGB Percent	86%, 76%, 82%
CMY	0.1409, 0.2393, 0.1764
CMYK	0.00, 0.11, 0.04, 0.14
HSL	322°, 26%, 81%
HSV	322°, 11%, 86%
XYZ	60.1531, 58.2968, 69.0599
YIQ	203.2990, 9.7640, 10.2760

Conversions

Conversions Part 2

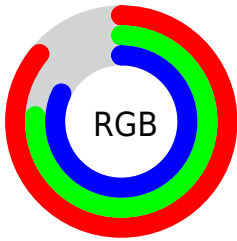
Format	Color
R _Y B	219, 194, 210
Decimal	14402258
CIE Lab	80.90, 11.60, -4.76
CIE LCh	81, 12.535, 337.669
Yxy	58.2968, 0.3208, 0.3109
Android (android.graphics.Color)	4292592338 (0xFFDBC2D2)
YUV	203.2990, 3.3036, 13.7698
Hunter-Lab	76.3523, 7.0122, -0.1805

Details

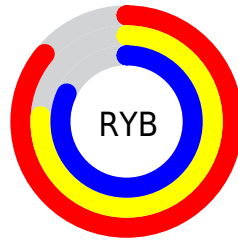
The Yxy color **58.2968, 0.3208, 0.3109** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4777, 0.3054, 0.3478**, and the grayscale version is **59.8986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **29.0490, 0.3224, 0.3052** is the 20% darker color. If you saturate the color by 10%, you get **48.8730, 0.3293, 0.2944**, and if you desaturate by 10%, it is **69.1825, 0.3137, 0.3268**.

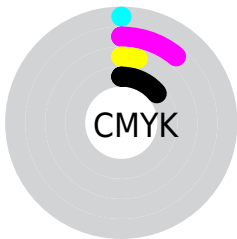
Distribution



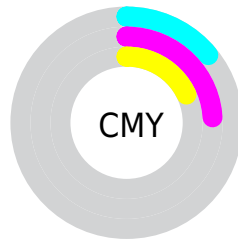
- Red (86%)
- Green (76%)
- Blue (82%)



- Red (86%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (14%)





- Cyan (14%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2968, 0.3208, 0.3109 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 58.2968, 0.3208, 0.3109 by changing the saturation by 10% instead.


 58.2968, 0.3208,
0.3109

 58.2968, 0.3208,
0.3109


418.2910, 0.3170,
0.3195

 42.0473, 0.3217,
0.3089


 102.3549, 0.3195,
0.3139

 29.1383, 0.3228,
0.3064


130.9324, 0.3189,
0.3151

 19.1855, 0.3243,
0.3031

164.3879, 0.3185,
0.3161

 11.8044, 0.3262,
0.2988

203.1060, 0.3181,
0.3170

 6.6106, 0.3289,
0.2927

247.4709, 0.3178,
0.3177

 3.2198, 0.3329,
0.2836

297.8671, 0.3175,

 1.2475, 0.3396,

0.3184

0.2685

354.6790, 0.3172,
0.3190

0.1000, 0.4110,
0.1087

0.0000, 0.0000,
0.0000

58.2968, 0.3208,
0.3109

58.2968, 0.3208,
0.3109

48.8730, 0.3293,
0.2944

69.1825, 0.3137,
0.3268

40.8405, 0.3392,
0.2775

81.5815, 0.3077,
0.3417

34.1342, 0.3508,
0.2610

92.5156, 0.3027,
0.3509

28.6811, 0.3639,
0.2456

92.9797, 0.2984,
0.3427

■ 24.4007, 0.3784,
0.2324

■ 93.4644, 0.2941,
0.3345

■ 21.2032, 0.3940,
0.2225

■ 93.8102, 0.2912,
0.3289

■ 18.9857, 0.4102,
0.2169

■ 17.6251, 0.4264,
0.2165

■ 16.9629, 0.4399,
0.2197

Harmonies

Analogous

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



58.2968, 0.3043, 0.3032



58.2968, 0.3208, 0.3109



58.2968, 0.3354, 0.3232

Triad

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



58.2968, 0.3208, 0.3109



58.2968, 0.3351, 0.3568



58.2968, 0.2825, 0.3195

Complementary

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



58.2968, 0.3208, 0.3109



66.4777, 0.3054, 0.3478

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.



58.2968, 0.2904, 0.3344



58.2968, 0.3208, 0.3109



58.2968, 0.3205, 0.3565

Square

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



58.2968, 0.3208, 0.3109



58.2968, 0.3437, 0.3495



58.2968, 0.3042, 0.3482



58.2968, 0.2826, 0.3077

Rectangle

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



58.2968, 0.3208, 0.3109



58.2968, 0.3419, 0.3325



58.2968, 0.3042, 0.3482



58.2968, 0.2843, 0.3243

Sweetspot

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



58.2993, 0.3208, 0.3109



95.0392, 0.3147, 0.3243



56.3565, 0.3014, 0.2998



20.0656, 0.3152, 0.3231



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.



58.2993, 0.3208, 0.3109



78.4972, 0.3229, 0.3065



57.7112, 0.3302, 0.3247



13.1909, 0.3193, 0.3142



10.0731, 0.4376, 0.2184



0.6689, 0.4137, 0.2053

Inverse Universe

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



58.2993, 0.3208, 0.3109



78.4972, 0.3229, 0.3065



67.0859, 0.2976, 0.3333



13.1909, 0.3193, 0.3142



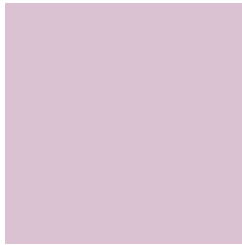
10.0731, 0.4376, 0.2184



0.6689, 0.4137, 0.2053

Previews

White Background



This preview shows how the Yxy color 58.2968, 0.3208, 0.3109 looks on a white background.

Color Contrast Check

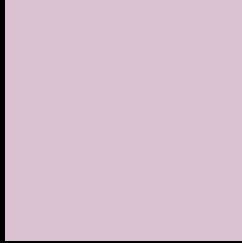
Large Text (above 18pt) WCAG AA × Fail

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 58.2968, 0.3208, 0.3109 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 58.2968, 0.3208, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 58.2968, 0.3208, 0.3109.



This preview shows how white text looks on a background with the Yxy color 58.2968, 0.3208, 0.3109.

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

58.2968, 0.3208, 0.3109

Protanopia

58.5302, 0.3042, 0.3138

Deuteranopia

58.2823, 0.3183, 0.3119



Tritanopia

58.2471, 0.3215, 0.3120

Trichromacy



Original Color

58.2968, 0.3208, 0.3109

Protanomaly

58.5515, 0.3104, 0.3128

Deuteranomaly

58.4351, 0.3191, 0.3120

Tritanomaly

58.2471, 0.3215, 0.3120

Monochromacy



Original Color

58.2968, 0.3208, 0.3109

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.3201, 0.3154, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2968, 0.3208, 0.3109 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(219, 194, 210)` looks like.

```
.text, #text, p{  
    color:rgb(219, 194, 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(219, 194, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 194, 210) }
```

Border

The CSS property to change the border of an element to Yxy 58.2968, 0.3208, 0.3109 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(219, 194, 210) }
```

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

```
.border{ border-color:rgb(219, 194, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 194, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 194, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 194, 210);  
box-shadow:4px 4px 4px 4px rgb(219, 194,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2968, 0.3208, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 194, 210) }
```

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

```
.background{ background-color: rgb(219,  
194, 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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