

Converting Colors

$Y_{xy}(59.5434, 0.3228, 0.3192)$

Have a look what the booklet for
Yxy(59.5434, 0.3228, 0.3192)
contains.

Yxy(59.2942, 0.3227, 0.3188)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.2942, 0.3227, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	DAC5CE
RGB	218, 197, 206
RGB Percent	85%, 77%, 81%
CMY	0.1451, 0.2274, 0.1921
CMYK	0.00, 0.10, 0.05, 0.15
HSL	334°, 22%, 81%
HSV	334°, 10%, 85%
XYZ	60.0196, 59.2942, 66.6781
YIQ	204.3050, 9.6270, 7.2510

Conversions

Conversions Part 2

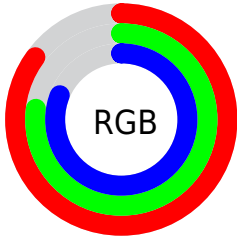
Format	Color
R _Y B	218, 197, 206
Decimal	14337486
CIE Lab	81.45, 8.91, -1.82
CIE LCh	81, 9.092, 348.474
Yxy	59.2942, 0.3227, 0.3188
Android (android.graphics.Color)	4292527566 (0xFFDAC5CE)
YUV	204.3050, 0.8356, 12.0105
Hunter-Lab	77.0027, 4.3766, 2.5616

Details

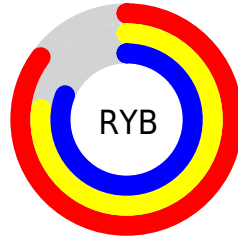
The Yxy color **59.2942, 0.3227, 0.3188** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6147, 0.3037, 0.3394**, and the grayscale version is **60.5779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **29.6985, 0.3251, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **49.5205, 0.3353, 0.3076**, and if you desaturate by 10%, it is **70.5526, 0.3124, 0.3294**.

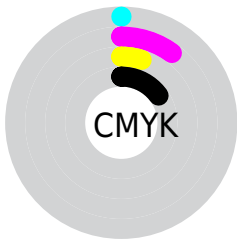
Distribution



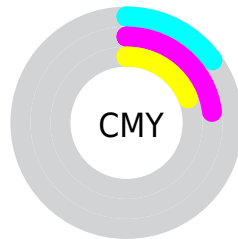
- Red (85%)
- Green (77%)
- Blue (81%)



- Red (85%)
- Yellow (77%)
- Blue (81%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (15%)




- Cyan (15%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2942, 0.3227, 0.3188 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 59.2942, 0.3227, 0.3188 by changing the saturation by 10% instead.

 59.2942, 0.3227,
0.3188

 59.2942, 0.3227,
0.3188

421.9913, 0.3179,
0.3237

 42.8500, 0.3238,
0.3176


103.8051, 0.3210,
0.3205

 29.7674, 0.3253,
0.3162


132.6406, 0.3204,
0.3212

 19.6621, 0.3271,
0.3143


166.3754, 0.3198,
0.3217

 12.1497, 0.3296,
0.3119

205.3938, 0.3193,
0.3222

 6.8457, 0.3331,
0.3083

250.0801, 0.3189,
0.3227

 3.3658, 0.3384,
0.3030

300.8189, 0.3185,

 1.3256, 0.3475,

0.3230

0.2941

357.9945, 0.3182,
0.3234

0.1609, 0.4444,
0.1930

0.0000, 0.0000,
0.0000

59.2942, 0.3227,
0.3188

59.2942, 0.3227,
0.3188

49.5205, 0.3353,
0.3076

70.5526, 0.3124,
0.3294

41.1614, 0.3504,
0.2961

83.3464, 0.3039,
0.3392

34.1528, 0.3686,
0.2846

92.9175, 0.2968,
0.3409

28.4225, 0.3900,
0.2738

93.6447, 0.2906,
0.3289

■ 23.8917, 0.4147,
0.2648

■ 20.4726, 0.4421,
0.2587

■ 18.0651, 0.4711,
0.2568

■ 16.5511, 0.5002,
0.2600

■ 15.7296, 0.5275,
0.2682

Harmonies

Analogous

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



59.2942, 0.3109, 0.3118



59.2942, 0.3227, 0.3188



59.2942, 0.3319, 0.3285

Triad

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



59.2942, 0.3227, 0.3188



59.2942, 0.3255, 0.3496



59.2942, 0.2902, 0.3188

Complementary

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



59.2942, 0.3227, 0.3188



66.6147, 0.3037, 0.3394

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.



59.2942, 0.2939, 0.3291



59.2942, 0.3227, 0.3188



59.2942, 0.3142, 0.3471

Square

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



59.2942, 0.3227, 0.3188



59.2942, 0.3335, 0.3463



59.2942, 0.3026, 0.3395



59.2942, 0.2923, 0.3116

Rectangle

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



59.2942, 0.3227, 0.3188



59.2942, 0.3352, 0.3353



59.2942, 0.3026, 0.3395



59.2942, 0.2908, 0.3220

Sweetspot

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



59.2968, 0.3227, 0.3188



94.9376, 0.3157, 0.3259



58.5380, 0.3068, 0.3050



20.0382, 0.3165, 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.



59.2968, 0.3227, 0.3188



80.9316, 0.3256, 0.3161



59.5102, 0.3294, 0.3307



13.1438, 0.3225, 0.3190



9.4292, 0.5248, 0.2665



0.6279, 0.4835, 0.2437

Inverse Universe

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



59.2968, 0.3227, 0.3188



80.9316, 0.3256, 0.3161



66.3506, 0.2979, 0.3273



13.1438, 0.3225, 0.3190



9.4292, 0.5248, 0.2665



0.6279, 0.4835, 0.2437

Previews

White Background



This preview shows how the Yxy color 59.2942, 0.3227, 0.3188 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 59.2942, 0.3227, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

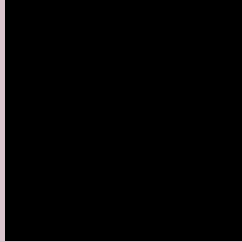
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2942, 0.3227, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 59.2942, 0.3227, 0.3188.



This preview shows how white text looks on a background with the Yxy color 59.2942, 0.3227, 0.3188.

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

59.2942, 0.3227, 0.3188

Protanopia

59.2141, 0.3093, 0.3197

Deuteranopia

59.1517, 0.3244, 0.3177



Tritanopia

59.2934, 0.3191, 0.3110

Trichromacy



Original Color

59.2942, 0.3227, 0.3188

Protanomaly

59.4179, 0.3139, 0.3198

Deuteranomaly

58.9962, 0.3236, 0.3177

Tritanomaly

59.1931, 0.3206, 0.3132

Monochromacy



Original Color

59.2942, 0.3227, 0.3188

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.7364, 0.3160, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2942, 0.3227, 0.3188 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 $rgb(218, 197, 206)$ looks like.

```
.text, #text, p{  
    color:rgb(218, 197, 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(218, 197, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 197, 206) }
```

Border

The CSS property to change the border of an element to Yxy 59.2942, 0.3227, 0.3188 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, 197, 206) }
```

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

```
.border{ border-color:rgb(218, 197, 206) }
```

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

Here you see how a box with a 4 pixel rgb(218, 197, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 197, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 197, 206);  
box-shadow:4px 4px 4px 4px rgb(218, 197,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2942, 0.3227, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 197, 206) }
```

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

```
.background{ background-color: rgb(218,  
197, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor