

Converting Colors

$Yxy(58.8912, 0.3276, 0.3368)$

Have a look what the booklet for
Yxy(58.8912, 0.3276, 0.3368)
contains.

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Color

Yxy(58.6942, 0.3275, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	D4C7C1
RGB	212, 199, 193
RGB Percent	83%, 78%, 76%
CMY	0.1685, 0.2196, 0.2430
CMYK	0.00, 0.06, 0.09, 0.17
HSL	19°, 18%, 79%
HSV	19°, 9%, 83%
XYZ	57.2094, 58.6942, 58.7815
YIQ	202.2030, 9.6740, 0.8900

Conversions

Conversions Part 2

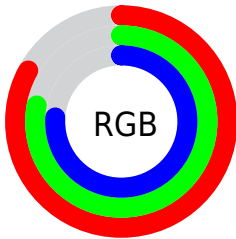
Format	Color
R _Y B	212, 202, 193
Decimal	13944769
CIE Lab	81.12, 3.53, 4.60
CIE LCh	81, 5.799, 52.531
Yxy	58.6942, 0.3275, 0.3360
Android (android.graphics.Color)	4292134849 (0xFFD4C7C1)
YUV	202.2030, -4.5371, 8.5920
Hunter-Lab	76.6121, -0.7781, 8.1376

Details

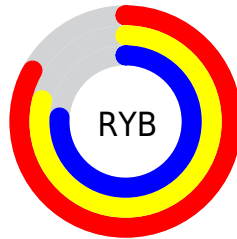
The Yxy color **58.6942, 0.3275, 0.3360** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2710, 0.2990, 0.3219**, and the grayscale version is **59.2249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **29.3123, 0.3305, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **51.4396, 0.3469, 0.3443**, and if you desaturate by 10%, it is **66.7296, 0.3111, 0.3282**.

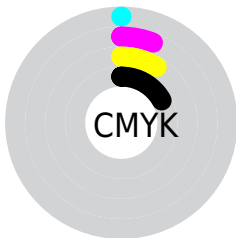
Distribution



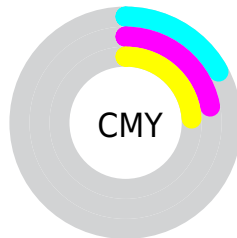
- Red (83%)
- Green (78%)
- Blue (76%)



- Red (83%)
- Yellow (79%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (17%)




- Cyan (17%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6942, 0.3275, 0.3360 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 58.6942, 0.3275, 0.3360 by changing the saturation by 10% instead.

 58.6942, 0.3275,
0.3360

 58.6942, 0.3275,
0.3360


419.7677, 0.3204,
0.3327

 42.3670, 0.3292,
0.3368


 102.9331, 0.3250,
0.3348

 29.3888, 0.3314,
0.3378


131.6136, 0.3240,
0.3344

 19.3751, 0.3342,
0.3390

165.1806, 0.3232,
0.3340

 11.9416, 0.3379,
0.3407

204.0185, 0.3225,
0.3337

 6.7040, 0.3434,
0.3431

248.5119, 0.3218,
0.3334

 3.2777, 0.3517,
0.3466

299.0449, 0.3213,

 1.2783, 0.3663,

0.3331

356.0020, 0.3208,
0.3329

0.3525

0.1243, 0.6217,
0.3783

0.0000, 0.0000,
0.0000

58.6942, 0.3275,
0.3360

58.6942, 0.3275,
0.3360

51.4396, 0.3469,
0.3443

66.7296, 0.3111,
0.3282

44.9346, 0.3697,
0.3529

75.5607, 0.2973,
0.3210

39.1568, 0.3964,
0.3616

85.1058, 0.2866,
0.3161

34.0801, 0.4270,
0.3696

92.7417, 0.2872,
0.3289

■ 29.6765, 0.4611,
0.3762

■ 25.9161, 0.4974,
0.3802

■ 22.7665, 0.5334,
0.3805

■ 20.1920, 0.5658,
0.3760

■ 18.1481, 0.5918,
0.3673

Harmonies

Analogous

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



58.6942, 0.3255, 0.3297



58.6942, 0.3275, 0.3360



58.6942, 0.3255, 0.3406

Triad

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



58.6942, 0.3275, 0.3360



58.6942, 0.3054, 0.3349



58.6942, 0.3054, 0.3162

Complementary

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



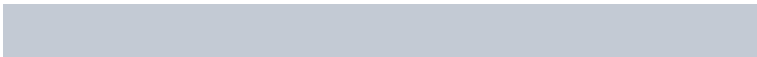
58.6942, 0.3275, 0.3360



60.2710, 0.2990, 0.3219

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.



58.6942, 0.3001, 0.3174



58.6942, 0.3275, 0.3360



58.6942, 0.3001, 0.3282

Square

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



58.6942, 0.3275, 0.3360



58.6942, 0.3126, 0.3400



58.6942, 0.2982, 0.3218



58.6942, 0.3127, 0.3183

Rectangle

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



58.6942, 0.3275, 0.3360



58.6942, 0.3221, 0.3420



58.6942, 0.2982, 0.3218



58.6942, 0.3033, 0.3162

Sweetspot

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



58.6968, 0.3275, 0.3360



96.2137, 0.3175, 0.3313



56.6264, 0.3180, 0.3136



20.3811, 0.3188, 0.3319



0.0000, 0.0000, 0.0000



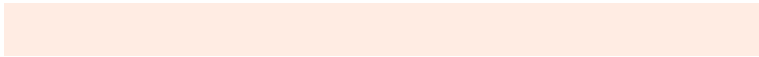
21.4041, 0.3127, 0.3290

Same Dimension

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



58.6968, 0.3275, 0.3360



86.6527, 0.3314, 0.3378



63.0776, 0.3264, 0.3466



13.0505, 0.3283, 0.3364



11.2447, 0.5917, 0.3684



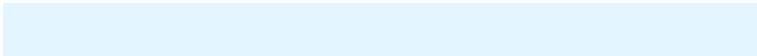
0.8248, 0.5576, 0.3955

Inverse Universe

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



60.2710, 0.2990, 0.3219



89.5735, 0.2956, 0.3201



55.9510, 0.2989, 0.3108



13.4197, 0.2982, 0.3215



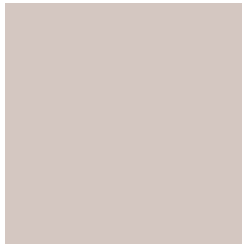
15.7095, 0.1955, 0.2238



1.0926, 0.2012, 0.2441

Previews

White Background



This preview shows how the Yxy color 58.6942, 0.3275, 0.3360 looks on a white background.

Color Contrast Check

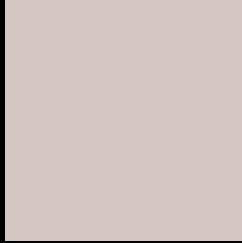
Large Text (above 18pt) WCAG AA × Fail

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 58.6942, 0.3275, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

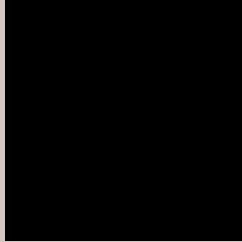
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6942, 0.3275, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 58.6942, 0.3275, 0.3360.

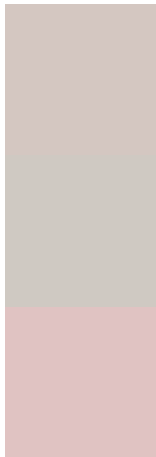


This preview shows how white text looks on a background with the Yxy color 58.6942, 0.3275, 0.3360.

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

58.6942, 0.3275, 0.3360

Protanopia

58.9337, 0.3225, 0.3373

Deuteranopia

58.7725, 0.3371, 0.3302



Tritanopia

58.6804, 0.3159, 0.3108

Trichromacy



Original Color

58.6942, 0.3275, 0.3360

Protanomaly

58.7589, 0.3242, 0.3361

Deuteranomaly

58.5905, 0.3336, 0.3314

Tritanomaly

58.6364, 0.3203, 0.3198

Monochromacy



Original Color

58.6942, 0.3275, 0.3360

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.0186, 0.3181, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6942, 0.3275, 0.3360 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, 199, 193)` looks like.

```
.text, #text, p{  
    color:rgb(212, 199, 193)  
}
```

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, 199, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 199, 193) }
```

Border

The CSS property to change the border of an element to Yxy 58.6942, 0.3275, 0.3360 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, 199, 193) }
```

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

```
.border{ border-color:rgb(212, 199, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 199, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 199, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 199, 193);  
box-shadow:4px 4px 4px 4px rgb(212, 199,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6942, 0.3275, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 199, 193) }
```

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

```
.background{ background-color: rgb(212,  
199, 193) }
```

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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