

Converting Colors

Yxy(58.4497, 0.3346, 0.3415)

Have a look what the booklet for
Yxy(58.4497, 0.3346, 0.3415)
contains.

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Color

Yxy(58.4231, 0.3347, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	D7C6BB
RGB	215, 198, 187
RGB Percent	84%, 78%, 73%
CMY	0.1567, 0.2235, 0.2668
CMYK	0.00, 0.08, 0.13, 0.16
HSL	24°, 26%, 79%
HSV	24°, 13%, 84%
XYZ	57.1928, 58.4231, 55.2619
YIQ	201.8290, 13.6630, 0.1830

Conversions

Conversions Part 2

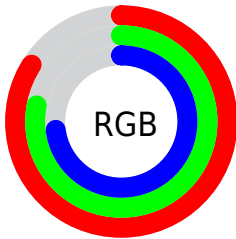
Format	Color
R _{YB}	215, 205, 187
Decimal	14141115
CIE Lab	80.97, 4.13, 7.66
CIE LCh	81, 8.706, 61.660
Yxy	58.4231, 0.3347, 0.3419
Android (android.graphics.Color)	4292331195 (0xFFD7C6BB)
YUV	201.8290, -7.3107, 11.5510
Hunter-Lab	76.4350, -0.1980, 10.6383

Details

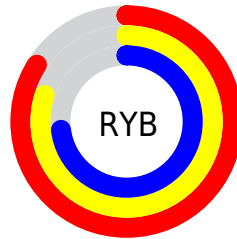
The Yxy color **58.4231, 0.3347, 0.3419** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6609, 0.2926, 0.3157**, and the grayscale version is **58.9933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **29.1413, 0.3402, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **51.8590, 0.3548, 0.3524**, and if you desaturate by 10%, it is **65.6448, 0.3175, 0.3319**.

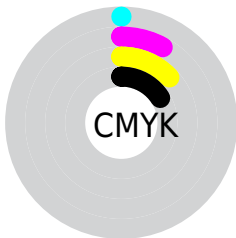
Distribution



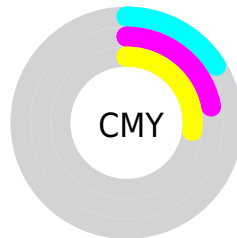
- Red (84%)
- Green (78%)
- Blue (73%)



- Red (84%)
- Yellow (80%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (16%)




- Cyan (16%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4231, 0.3347, 0.3419 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 58.4231, 0.3347, 0.3419 by changing the saturation by 10% instead.


 58.4231, 0.3347,
0.3419

 58.4231, 0.3347,
0.3419

418.7607, 0.3241,
0.3358

 42.1489, 0.3372,
0.3433


 102.5387, 0.3309,
0.3397

 29.2179, 0.3405,
0.3451


131.1489, 0.3295,
0.3389

 19.2457, 0.3446,
0.3475


164.6400, 0.3282,
0.3382

 11.8480, 0.3503,
0.3505

203.3961, 0.3272,
0.3376

 6.6402, 0.3584,
0.3549

247.8019, 0.3263,
0.3370

 3.2381, 0.3708,
0.3613

298.2417, 0.3254,

 1.2573, 0.3936,

0.3366

0.3729

355.0998, 0.3247,
0.3362

0.1078, 0.6536,
0.3464

0.0000, 0.0000,
0.0000

58.4231, 0.3347,
0.3419

58.4231, 0.3347,
0.3419

51.8590, 0.3548,
0.3524

65.6448, 0.3175,
0.3319

45.9257, 0.3780,
0.3632

73.5346, 0.3027,
0.3226

40.6059, 0.4045,
0.3738

82.1124, 0.2901,
0.3140

35.8783, 0.4341,
0.3834

90.1817, 0.2887,
0.3240

■ 31.7204, 0.4660,
0.3909

■ 93.1920, 0.2889,
0.3289

■ 28.1081, 0.4987,
0.3951

■ 25.0149, 0.5300,
0.3948

■ 22.4113, 0.5572,
0.3892

■ 20.8657, 0.5734,
0.3829

Harmonies

Analogous

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



58.4231, 0.3335, 0.3329



58.4231, 0.3347, 0.3419



58.4231, 0.3299, 0.3477

Triad

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



58.4231, 0.3347, 0.3419



58.4231, 0.2988, 0.3349



58.4231, 0.3048, 0.3104

Complementary

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



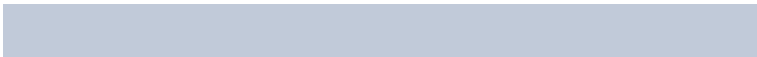
58.4231, 0.3347, 0.3419



58.6609, 0.2926, 0.3157

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.



58.4231, 0.2957, 0.3106



58.4231, 0.3347, 0.3419



58.4231, 0.2923, 0.3245

Square

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



58.4231, 0.3347, 0.3419



58.4231, 0.3091, 0.3437



58.4231, 0.2912, 0.3157



58.4231, 0.3161, 0.3149

Rectangle

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



58.4231, 0.3347, 0.3419



58.4231, 0.3239, 0.3488



58.4231, 0.2912, 0.3157



58.4231, 0.3014, 0.3099

Sweetspot

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



58.4257, 0.3347, 0.3419



95.4723, 0.3191, 0.3329



54.3555, 0.3225, 0.3090



20.2566, 0.3203, 0.3336



0.0000, 0.0000, 0.0000



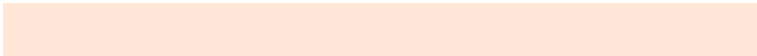
21.4041, 0.3127, 0.3290

Same Dimension

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



58.4257, 0.3347, 0.3419



82.8453, 0.3406, 0.3451



65.0055, 0.3326, 0.3575



13.2130, 0.3281, 0.3382



12.6689, 0.5707, 0.3851



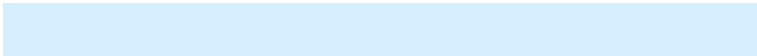
0.9230, 0.5388, 0.4104

Inverse Universe

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



58.6609, 0.2926, 0.3157



83.2634, 0.2877, 0.3123



52.4048, 0.2921, 0.2988



13.2509, 0.2982, 0.3196



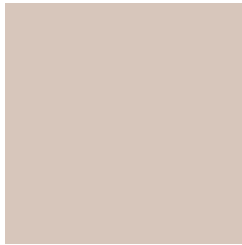
12.7823, 0.1877, 0.1957



0.9301, 0.1948, 0.2212

Previews

White Background



This preview shows how the Yxy color 58.4231, 0.3347, 0.3419 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 58.4231, 0.3347, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

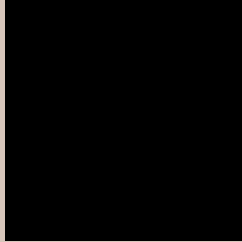
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4231, 0.3347, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 58.4231, 0.3347, 0.3419.



This preview shows how white text looks on a background with the Yxy color 58.4231, 0.3347, 0.3419.

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

58.4231, 0.3347, 0.3419

Protanopia

58.3493, 0.3279, 0.3432

Deuteranopia

58.2220, 0.3428, 0.3359



Tritanopia

58.5888, 0.3199, 0.3120

Trichromacy



Original Color

58.4231, 0.3347, 0.3419

Protanomaly

58.3266, 0.3305, 0.3420

Deuteranomaly

58.0332, 0.3393, 0.3371

Tritanomaly

58.4958, 0.3250, 0.3222

Monochromacy



Original Color

58.4231, 0.3347, 0.3419

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.0699, 0.3203, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4231, 0.3347, 0.3419 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(215, 198, 187)` looks like.

```
.text, #text, p{  
    color:rgb(215, 198, 187)  
}
```

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(215, 198, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 198, 187) }
```

Border

The CSS property to change the border of an element to Yxy 58.4231, 0.3347, 0.3419 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(215, 198, 187) }
```

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

```
.border{ border-color:rgb(215, 198, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 198, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 198, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 198, 187);  
box-shadow:4px 4px 4px 4px rgb(215, 198,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4231, 0.3347, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 198, 187) }
```

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

```
.background{ background-color: rgb(215,  
198, 187) }
```

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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