

Converting Colors

$Y_{xy}(59.6325, 0.3283, 0.3327)$

Have a look what the booklet for
Yxy(59.6325, 0.3283, 0.3327)
contains.

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Color

Yxy(59.4313, 0.3284, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	D8C7C4
RGB	216, 199, 196
RGB Percent	85%, 78%, 77%
CMY	0.1531, 0.2195, 0.2313
CMYK	0.00, 0.08, 0.09, 0.15
HSL	9°, 20%, 81%
HSV	9°, 9%, 85%
XYZ	58.6985, 59.4313, 60.6110
YIQ	203.7410, 11.0950, 2.6710

Conversions

Conversions Part 2

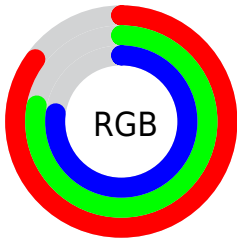
Format	Color
R _Y B	216, 200, 196
Decimal	14206916
CIE Lab	81.53, 5.41, 3.63
CIE LCh	82, 6.518, 33.831
Yxy	59.4313, 0.3284, 0.3325
Android (android.graphics.Color)	4292396996 (0xFFD8C7C4)
YUV	203.7410, -3.8163, 10.7511
Hunter-Lab	77.0917, 1.0014, 7.3492

Details

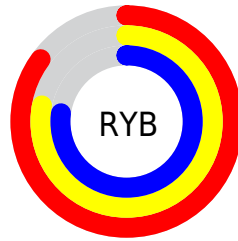
The Yxy color **59.4313, 0.3284, 0.3325** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2615, 0.2985, 0.3255**, and the grayscale version is **60.2300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **29.7809, 0.3328, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **50.5794, 0.3490, 0.3366**, and if you desaturate by 10%, it is **69.4478, 0.3115, 0.3287**.

Distribution



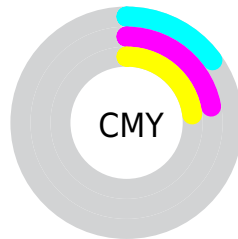
- Red (85%)
- Green (78%)
- Blue (77%)



- Red (85%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4313, 0.3284, 0.3325 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 59.4313, 0.3284, 0.3325 by changing the saturation by 10% instead.

■ 59.4313, 0.3284,
0.3325

■ 59.4313, 0.3284,
0.3325

422.4984, 0.3208,
0.3309

■ 42.9604, 0.3302,
0.3329

104.0043, 0.3257,
0.3319

■ 29.8541, 0.3325,
0.3333

132.8751, 0.3247,
0.3317

■ 19.7278, 0.3354,
0.3339

166.6481, 0.3238,
0.3315

■ 12.1974, 0.3394,
0.3347

205.7075, 0.3231,
0.3314

■ 6.8782, 0.3451,
0.3358

250.4379, 0.3224,
0.3312

■ 3.3861, 0.3539,
0.3373

301.2236, 0.3218,

■ 1.3365, 0.3691,

0.3311

358.4489, 0.3213,
0.3310

0.3396

0.1692, 0.6339,
0.3661

0.0000, 0.0000,
0.0000

59.4313, 0.3284,
0.3325

59.4313, 0.3284,
0.3325

50.5794, 0.3490,
0.3366

69.4478, 0.3115,
0.3287

42.8422, 0.3740,
0.3408

80.6610, 0.2977,
0.3253

36.1778, 0.4042,
0.3450

92.7319, 0.2894,
0.3280

30.5386, 0.4398,
0.3488

93.3328, 0.2894,
0.3289

■ 25.8732, 0.4804,
0.3515

■ 22.1262, 0.5238,
0.3526

■ 19.2361, 0.5659,
0.3511

■ 17.1339, 0.6013,
0.3468

■ 15.7349, 0.6255,
0.3407

Harmonies

Analogous

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



59.4313, 0.3236, 0.3251



59.4313, 0.3284, 0.3325



59.4313, 0.3289, 0.3391

Triad

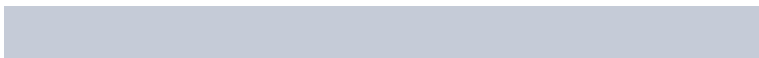
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.4313, 0.3284, 0.3325



59.4313, 0.3094, 0.3395



59.4313, 0.3004, 0.3151

Complementary

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



59.4313, 0.3284, 0.3325



64.2615, 0.2985, 0.3255

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.



59.4313, 0.2968, 0.3187



59.4313, 0.3284, 0.3325



59.4313, 0.3019, 0.3329

Square

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



59.4313, 0.3284, 0.3325



59.4313, 0.3179, 0.3433



59.4313, 0.2973, 0.3252



59.4313, 0.3074, 0.3152

Rectangle

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



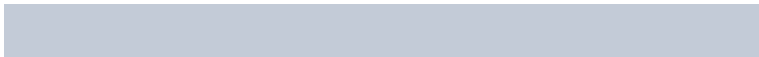
59.4313, 0.3284, 0.3325



59.4313, 0.3268, 0.3421



59.4313, 0.2973, 0.3252



59.4313, 0.2988, 0.3159

Sweetspot

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



59.4339, 0.3284, 0.3325



95.4404, 0.3175, 0.3301



58.8825, 0.3160, 0.3098



20.1731, 0.3189, 0.3304



0.0000, 0.0000, 0.0000



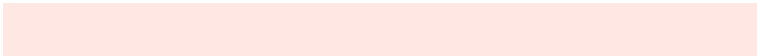
21.4041, 0.3127, 0.3290

Same Dimension

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



59.4339, 0.3284, 0.3325



84.0509, 0.3319, 0.3332



64.1700, 0.3272, 0.3438



12.7194, 0.3287, 0.3326



9.3671, 0.6251, 0.3419



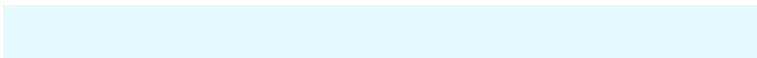
0.6628, 0.5959, 0.3651

Inverse Universe

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



64.2615, 0.2985, 0.3255



92.3991, 0.2957, 0.3247



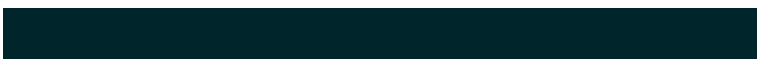
59.4039, 0.2985, 0.3137



13.7746, 0.2983, 0.3254



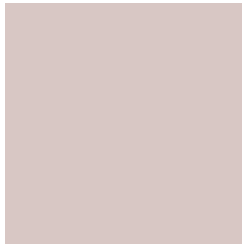
23.2282, 0.2113, 0.2808



1.4894, 0.2139, 0.2899

Previews

White Background



This preview shows how the Yxy color 59.4313, 0.3284, 0.3325 looks on a white background.

Color Contrast Check

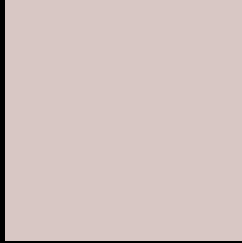
Large Text (above 18pt) WCAG AA × Fail

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 59.4313, 0.3284, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

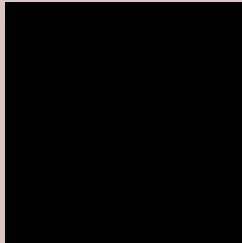
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4313, 0.3284, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 59.4313, 0.3284, 0.3325.



This preview shows how white text looks on a background with the Yxy color 59.4313, 0.3284, 0.3325.

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

59.4313, 0.3284, 0.3325

Protanopia

59.5837, 0.3195, 0.3337

Deuteranopia

59.3584, 0.3346, 0.3279



Tritanopia

59.5914, 0.3182, 0.3121

Trichromacy



Original Color

59.4313, 0.3284, 0.3325

Protanomaly

59.5061, 0.3227, 0.3337

Deuteranomaly

59.3359, 0.3320, 0.3291

Tritanomaly

59.5961, 0.3218, 0.3199

Monochromacy



Original Color

59.4313, 0.3284, 0.3325

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.8680, 0.3181, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4313, 0.3284, 0.3325 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(216, 199, 196) looks like.

```
.text, #text, p{  
    color:rgb(216, 199, 196)  
}
```

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(216, 199, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 199, 196) }
```

Border

The CSS property to change the border of an element to Yxy 59.4313, 0.3284, 0.3325 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(216, 199, 196) }
```

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

```
.border{ border-color:rgb(216, 199, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 199, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 199, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 199, 196);  
box-shadow:4px 4px 4px 4px rgb(216, 199,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4313, 0.3284, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 199, 196) }
```

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

```
.background{ background-color: rgb(216,  
199, 196) }
```

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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