

Converting Colors

Yxy(58.8693, 0.3318, 0.3516)

Have a look what the booklet for
Yxy(58.8693, 0.3318, 0.3516)
contains.

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Color

Yxy(59.0699, 0.3314, 0.3516)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D0CAB7 |
| RGB | 208, 202, 183 |
| RGB Percent | 82%, 79%, 72% |
| CMY | 0.1844, 0.2078, 0.2824 |
| CMYK | 0.00, 0.03, 0.12, 0.18 |
| HSL | 46°, 21%, 77% |
| HSV | 46°, 12%, 82% |
| XYZ | 55.6762, 59.0699, 53.2570 |
| YIQ | 201.6280, 9.6750, -4.6370 |

Conversions

Conversions Part 2

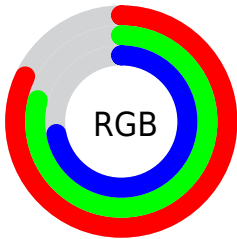
| Format | Color |
|-------------------------------------|---|
| RYB | 191, 208, 183 |
| Decimal | 13683383 |
| CIELab | 81.33, -1.17, 10.23 |
| CIElCh | 81, 10.297, 96.518 |
| Yxy | 59.0699, 0.3314, 0.3516 |
| Android (android.graphics.Color) | 4291873463 (0xFFD0CAB7) |
| YUV | 201.6280, -9.1836, 5.5882 |
| Hunter-Lab | 76.8569, -5.1918, 12.7156 |

Details

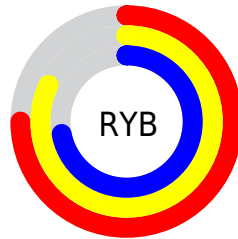
The Yxy color $59.0699, 0.3314, 0.3516$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.9976, 0.2940, 0.3053$, and the grayscale version is $58.8725, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.0120, 0.3220, 0.3444$, and $29.6615, 0.3368, 0.3575$ is the 20% darker color. If you saturate the color by 10%, you get $55.9732, 0.3483, 0.3712$, and if you desaturate by 10%, it is $62.3750, 0.3157, 0.3327$.

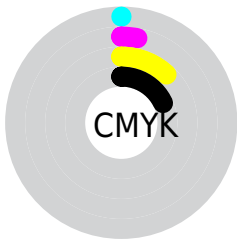
Distribution



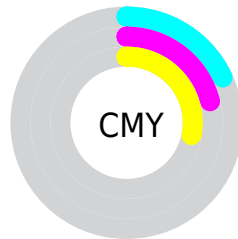
- Red (82%)
- Green (79%)
- Blue (72%)



- Red (75%)
- Yellow (82%)
- Blue (72%)



- Cyan (0%)
- Magenta (3%)
- Yellow (12%)
- Black (18%)





- Cyan (18%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0699, 0.3314, 0.3516 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 59.0699, 0.3314, 0.3516 by changing the saturation by 10% instead.


 59.0699, 0.3314,
0.3516

 59.0699, 0.3314,
0.3516

421.1609, 0.3224,
0.3407

 42.6694, 0.3335,
0.3542


 103.4792, 0.3282,
0.3477

 29.6258, 0.3362,
0.3575


132.2569, 0.3270,
0.3463

 19.5547, 0.3397,
0.3617


165.9290, 0.3260,
0.3450

 12.0718, 0.3443,
0.3674

204.8800, 0.3251,
0.3439

 6.7926, 0.3509,
0.3756

249.4943, 0.3243,
0.3430

 3.3327, 0.3608,
0.3879

300.1563, 0.3236,

 1.3078, 0.3812,

0.3421

357.2504, 0.3230,
0.3414

0.4132

0.1472, 0.4307,
0.5693

0.0000, 0.0000,
0.0000

59.0699, 0.3314,
0.3516

59.0699, 0.3314,
0.3516

55.9732, 0.3483,
0.3712

62.3750, 0.3157,
0.3327

53.0707, 0.3662,
0.3909

65.8867, 0.3014,
0.3148

50.3585, 0.3847,
0.4102

69.6131, 0.2884,
0.2981

47.8292, 0.4032,
0.4280

72.8185, 0.2830,
0.2937

■ 45.4750, 0.4210,
0.4435

■ 75.4977, 0.2833,
0.2991

■ 43.2871, 0.4373,
0.4554

■ 78.2554, 0.2836,
0.3045

■ 41.2556, 0.4513,
0.4631

■ 81.0923, 0.2838,
0.3098

■ 39.3688, 0.4624,
0.4660

■ 84.0090, 0.2841,
0.3151

■ 37.9514, 0.4695,
0.4654

■ 87.0063, 0.2844,
0.3204

Harmonies

Analogous

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



59.0699, 0.3382, 0.3456



59.0699, 0.3314, 0.3516



59.0699, 0.3197, 0.3515

Triad

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



59.0699, 0.3314, 0.3516



59.0699, 0.2881, 0.3218



59.0699, 0.3189, 0.3138

Complementary

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



59.0699, 0.3314, 0.3516



50.9976, 0.2940, 0.3053

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.



59.0699, 0.3054, 0.3076



59.0699, 0.3314, 0.3516



59.0699, 0.2878, 0.3119

Square

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



59.0699, 0.3314, 0.3516



59.0699, 0.2948, 0.3340



59.0699, 0.2941, 0.3069



59.0699, 0.3309, 0.3238

Rectangle

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



59.0699, 0.3314, 0.3516



59.0699, 0.3107, 0.3478



59.0699, 0.2941, 0.3069



59.0699, 0.3143, 0.3112

Sweetspot

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



59.0725, 0.3314, 0.3516



97.8143, 0.3188, 0.3365



50.9527, 0.3291, 0.3215



20.8496, 0.3200, 0.3379



0.0000, 0.0000, 0.0000



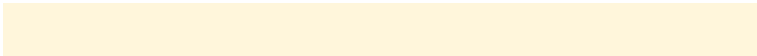
21.4041, 0.3127, 0.3290

Same Dimension

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



59.0725, 0.3314, 0.3516



92.5848, 0.3349, 0.3558



61.0446, 0.3256, 0.3589



13.2986, 0.3272, 0.3466



23.8123, 0.4686, 0.4661



1.4497, 0.4577, 0.4748

Inverse Universe

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



50.9976, 0.2940, 0.3053



77.7229, 0.2904, 0.3008



49.2625, 0.2988, 0.2982



11.8701, 0.2982, 0.3108



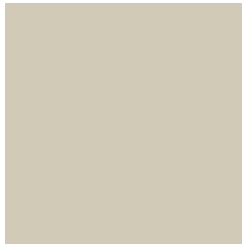
4.3720, 0.1577, 0.0877



0.3705, 0.1677, 0.1236

Previews

White Background



This preview shows how the Yxy color 59.0699, 0.3314, 0.3516 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 59.0699, 0.3314, 0.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

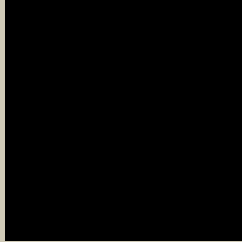
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

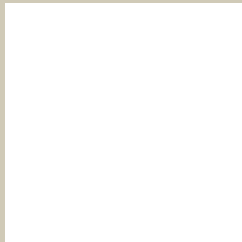
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0699, 0.3314, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 59.0699, 0.3314, 0.3516.



This preview shows how white text looks on a background with the Yxy color 59.0699, 0.3314, 0.3516.

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

59.0699, 0.3314, 0.3516

Protanopia

58.8938, 0.3332, 0.3503

Deuteranopia

58.9849, 0.3483, 0.3415



Tritanopia

59.1893, 0.3127, 0.3119

Trichromacy



Original Color

59.0699, 0.3314, 0.3516

Protanomaly

58.7475, 0.3324, 0.3504

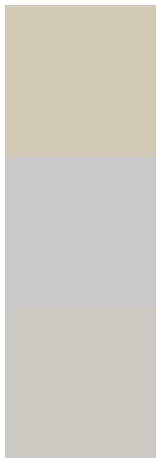
Deuteranomaly

59.2210, 0.3419, 0.3452

Tritanomaly

58.9600, 0.3200, 0.3255

Monochromacy



Original Color

59.0699, 0.3314, 0.3516

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.0186, 0.3193, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0699, 0.3314, 0.3516 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(208, 202, 183)` looks like.

```
.text, #text, p{  
    color:rgb(208, 202, 183)  
}
```

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(208, 202, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 202, 183) }
```

Border

The CSS property to change the border of an element to Yxy 59.0699, 0.3314, 0.3516 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(208, 202, 183) }
```

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

```
.border{ border-color:rgb(208, 202, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 202, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 202, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 202, 183);  
box-shadow:4px 4px 4px 4px rgb(208, 202,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0699, 0.3314, 0.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 202, 183) }
```

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

```
.background{ background-color: rgb(208,  
202, 183) }
```

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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