

Converting Colors

Yxy(58.4111, 0.3298, 0.3392)

Have a look what the booklet for
Yxy(58.4111, 0.3298, 0.3392)
contains.

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Color

Yxy(58.5616, 0.3298, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	D4C7BE
RGB	212, 199, 190
RGB Percent	83%, 78%, 75%
CMY	0.1685, 0.2196, 0.2550
CMYK	0.00, 0.06, 0.10, 0.17
HSL	25°, 20%, 79%
HSV	25°, 10%, 83%
XYZ	56.8717, 58.5616, 57.0096
YIQ	201.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

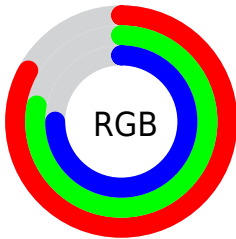
Format	Color
R _Y B	212, 205, 190
Decimal	13944766
CIE Lab	81.05, 3.01, 6.13
CIE LCh	81, 6.829, 63.839
Yxy	58.5616, 0.3298, 0.3396
Android (android.graphics.Color)	4292134846 (0xFFD4C7BE)
YUV	201.8610, -5.8475, 8.8919
Hunter-Lab	76.5256, -1.2635, 9.3983

Details

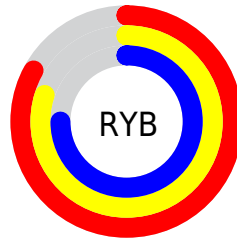
The Yxy color **58.5616, 0.3298, 0.3396** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4121, 0.2967, 0.3182**, and the grayscale version is **59.0059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **29.2250, 0.3336, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **52.1747, 0.3490, 0.3504**, and if you desaturate by 10%, it is **65.5630, 0.3133, 0.3294**.

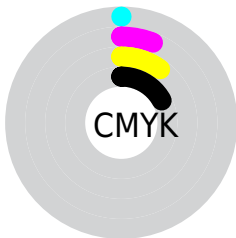
Distribution



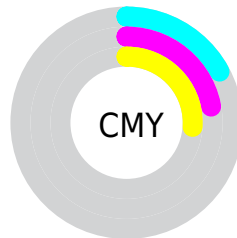
- Red (83%)
- Green (78%)
- Blue (75%)



- Red (83%)
- Yellow (80%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (17%)





- Cyan (17%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5616, 0.3298, 0.3396 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 58.5616, 0.3298, 0.3396 by changing the saturation by 10% instead.


 58.5616, 0.3298,
0.3396

 58.5616, 0.3298,
0.3396


419.2753, 0.3216,
0.3346

 42.2603, 0.3318,
0.3408


 102.7402, 0.3269,
0.3378

 29.3052, 0.3343,
0.3423


131.3864, 0.3257,
0.3371

 19.3118, 0.3375,
0.3442


164.9162, 0.3248,
0.3365

 11.8958, 0.3419,
0.3468

203.7142, 0.3240,
0.3360

 6.6728, 0.3481,
0.3504

248.1647, 0.3233,
0.3356

 3.2583, 0.3578,
0.3559

298.6521, 0.3226,

 1.2680, 0.3747,

0.3352

0.3652

355.5609, 0.3221,
0.3349

0.1162, 0.6128,
0.3872

0.0000, 0.0000,
0.0000

58.5616, 0.3298,
0.3396

58.5616, 0.3298,
0.3396

52.1747, 0.3490,
0.3504

65.5630, 0.3133,
0.3294

46.3774, 0.3711,
0.3616

73.1876, 0.2992,
0.3199

41.1542, 0.3964,
0.3727

81.4537, 0.2870,
0.3112

36.4862, 0.4246,
0.3830

89.0356, 0.2869,
0.3229

■ 32.3531, 0.4553,
0.3916

■ 92.7402, 0.2872,
0.3289

■ 28.7332, 0.4872,
0.3973

■ 25.6032, 0.5183,
0.3986

■ 22.9368, 0.5461,
0.3948

■ 20.7784, 0.5686,
0.3868

Harmonies

Analogous

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



58.5616, 0.3292, 0.3327



58.5616, 0.3298, 0.3396



58.5616, 0.3257, 0.3438

Triad

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



58.5616, 0.3298, 0.3396



58.5616, 0.3013, 0.3330



58.5616, 0.3071, 0.3145

Complementary

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



58.5616, 0.3298, 0.3396



58.4121, 0.2967, 0.3182

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.



58.5616, 0.2998, 0.3144



58.5616, 0.3298, 0.3396



58.5616, 0.2965, 0.3250

Square

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



58.5616, 0.3298, 0.3396



58.5616, 0.3092, 0.3401



58.5616, 0.2959, 0.3182



58.5616, 0.3160, 0.3183

Rectangle

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



58.5616, 0.3298, 0.3396



58.5616, 0.3210, 0.3445



58.5616, 0.2959, 0.3182



58.5616, 0.3044, 0.3140

Sweetspot

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



58.5642, 0.3298, 0.3396



96.6673, 0.3174, 0.3320



55.1406, 0.3206, 0.3136



20.5033, 0.3187, 0.3328



0.0000, 0.0000, 0.0000



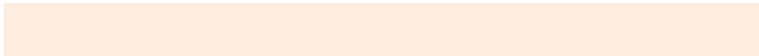
21.4041, 0.3127, 0.3290

Same Dimension

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



58.5642, 0.3298, 0.3396



87.1869, 0.3329, 0.3414



63.7201, 0.3284, 0.3520



13.2470, 0.3281, 0.3386



13.0109, 0.5661, 0.3887



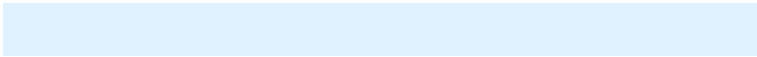
0.9454, 0.5349, 0.4135

Inverse Universe

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



58.4121, 0.2967, 0.3182



86.9204, 0.2940, 0.3162



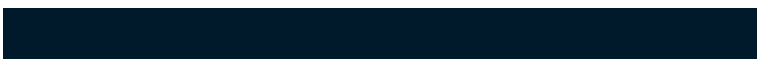
53.4799, 0.2966, 0.3050



13.2160, 0.2982, 0.3192



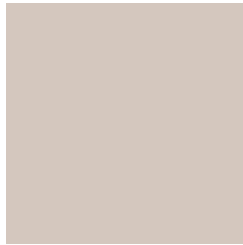
12.2292, 0.1861, 0.1899



0.8986, 0.1935, 0.2164

Previews

White Background



This preview shows how the Yxy color 58.5616, 0.3298, 0.3396 looks on a white background.

Color Contrast Check

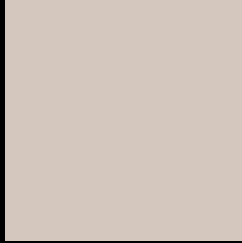
Large Text (above 18pt) WCAG AA × Fail

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 58.5616, 0.3298, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

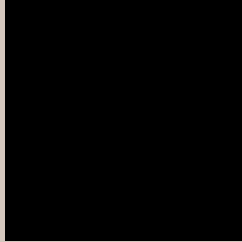
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

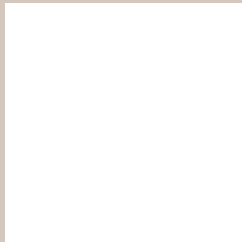
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5616, 0.3298, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 58.5616, 0.3298, 0.3396.

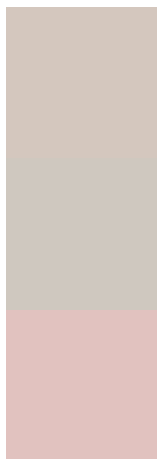


This preview shows how white text looks on a background with the Yxy color 58.5616, 0.3298, 0.3396.

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

58.5616, 0.3298, 0.3396

Protanopia

58.3355, 0.3249, 0.3397

Deuteranopia

58.3527, 0.3404, 0.3325



Tritanopia

58.6301, 0.3167, 0.3119

Trichromacy



Original Color

58.5616, 0.3298, 0.3396

Protanomaly

58.6255, 0.3265, 0.3396

Deuteranomaly

58.4571, 0.3360, 0.3348

Tritanomaly

58.5404, 0.3218, 0.3221

Monochromacy



Original Color

58.5616, 0.3298, 0.3396

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.9723, 0.3188, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5616, 0.3298, 0.3396 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(212, 199, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 199, 190) }
```

Border

The CSS property to change the border of an element to Yxy 58.5616, 0.3298, 0.3396 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, 190) }
```

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

```
.border{ border-color:rgb(212, 199, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 199, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 199, 190);  
box-shadow:4px 4px 4px 4px rgb(212, 199,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5616, 0.3298, 0.3396 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, 190) }
```

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

```
.background{ background-color: rgb(212,  
199, 190) }
```

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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