

Converting Colors

Yxy(59.4174, 0.3499, 0.3768)

Have a look what the booklet for
Yxy(59.4174, 0.3499, 0.3768)
contains.

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Color

Yxy(59.3533, 0.3496, 0.3764)

Conversions

Conversions Part 1

Format	Color
Hex	D4CBA3
RGB	212, 203, 163
RGB Percent	83%, 80%, 64%
CMY	0.1685, 0.2040, 0.3607
CMYK	0.00, 0.04, 0.23, 0.17
HSL	49°, 36%, 74%
HSV	49°, 23%, 83%
XYZ	55.1273, 59.3533, 43.2062
YIQ	201.1310, 18.2040, -10.5320

Conversions

Conversions Part 2

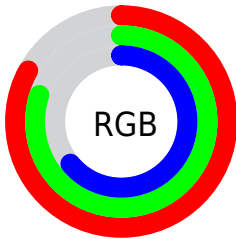
Format	Color
RYB	174, 212, 163
Decimal	13945763
CIELab	81.49, -3.22, 21.11
CIElCh	81, 21.353, 98.668
Yxy	59.3533, 0.3496, 0.3764
Android (android.graphics.Color)	4292135843 (0xFFD4CBA3)
YUV	201.1310, -18.7986, 9.5321
Hunter-Lab	77.0411, -7.0950, 20.6778

Details

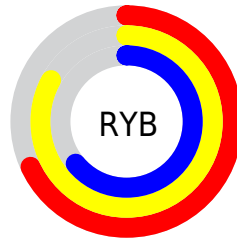
The Yxy color **59.3533, 0.3496, 0.3764** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.0710, 0.2746, 0.2767**, and the grayscale version is **58.6093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8420, 0.3345, 0.3651**, and **29.8107, 0.3589, 0.3888** is the 20% darker color. If you saturate the color by 10%, you get **56.8336, 0.3669, 0.3974**, and if you desaturate by 10%, it is **62.0524, 0.3330, 0.3555**.

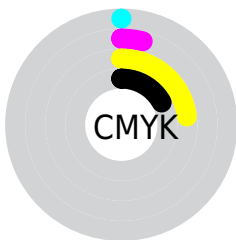
Distribution



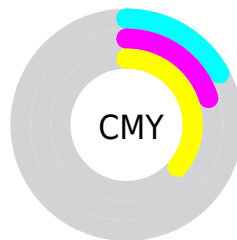
- Red (83%)
- Green (80%)
- Blue (64%)



- Red (68%)
- Yellow (83%)
- Blue (64%)



- Cyan (0%)
- Magenta (4%)
- Yellow (23%)
- Black (17%)





- Cyan (17%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3533, 0.3496, 0.3764 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 59.3533, 0.3496, 0.3764 by changing the saturation by 10% instead.


 59.3533, 0.3496,
0.3764

 59.3533, 0.3496,
0.3764


422.2099, 0.3321,
0.3536

 42.8976, 0.3537,
0.3818


 103.8910, 0.3434,
0.3683

 29.8048, 0.3588,
0.3886


 132.7417, 0.3411,
0.3652

 19.6905, 0.3653,
0.3974


166.4930, 0.3390,
0.3626

 12.1702, 0.3738,
0.4090

205.5290, 0.3373,
0.3603

 6.8597, 0.3854,
0.4253

250.2344, 0.3357,
0.3583

 3.3745, 0.4017,
0.4490

300.9934, 0.3344,

 1.3302, 0.4667,

0.3565

0.5333

358.1904, 0.3331,
0.3550

0.1644, 0.3210,
0.6790

0.0000, 0.0000,
0.0000

59.3533, 0.3496,
0.3764

59.3533, 0.3496,
0.3764

56.8336, 0.3669,
0.3974

62.0524, 0.3330,
0.3555

54.4787, 0.3844,
0.4176

64.9291, 0.3174,
0.3352

52.2839, 0.4015,
0.4362

67.9921, 0.3029,
0.3158

50.2414, 0.4174,
0.4521

71.2468, 0.2896,
0.2977

■ 48.3422, 0.4315,
0.4644

■ 73.7615, 0.2856,
0.2947

■ 46.5763, 0.4431,
0.4723

■ 75.8711, 0.2858,
0.2989

■ 44.9313, 0.4519,
0.4755

■ 78.0294, 0.2860,
0.3031

■ 43.8561, 0.4565,
0.4757

■ 80.2365, 0.2862,
0.3073

■ 82.4929, 0.2864,
0.3114

Harmonies

Analogous

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



59.3533, 0.3651, 0.3636



59.3533, 0.3496, 0.3764



59.3533, 0.3245, 0.3761

Triad

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



59.3533, 0.3496, 0.3764



59.3533, 0.2621, 0.3114



59.3533, 0.3270, 0.2995

Complementary

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



59.3533, 0.3496, 0.3764



42.0710, 0.2746, 0.2767

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.



59.3533, 0.2991, 0.2865



59.3533, 0.3496, 0.3764



59.3533, 0.2627, 0.2923

Square

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



59.3533, 0.3496, 0.3764



59.3533, 0.2745, 0.3371



59.3533, 0.2759, 0.2837



59.3533, 0.3519, 0.3196

Rectangle

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



59.3533, 0.3496, 0.3764



59.3533, 0.3060, 0.3678



59.3533, 0.2759, 0.2837



59.3533, 0.3177, 0.2942

Sweetspot

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



59.3560, 0.3496, 0.3764



96.8196, 0.3234, 0.3431



43.2118, 0.3507, 0.3171



20.6661, 0.3244, 0.3443



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.



59.3560, 0.3496, 0.3764



88.1037, 0.3585, 0.3873



61.6665, 0.3357, 0.3886



14.1121, 0.3271, 0.3479



27.1999, 0.4559, 0.4762



1.7440, 0.4485, 0.4821

Inverse Universe

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



42.0710, 0.2746, 0.2767



57.1917, 0.2651, 0.2630



40.3862, 0.2857, 0.2666



12.3757, 0.2982, 0.3094



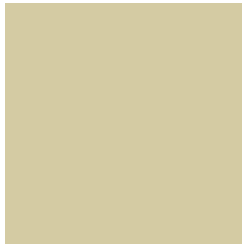
3.9423, 0.1550, 0.0779



0.3507, 0.1634, 0.1083

Previews

White Background



This preview shows how the Yxy color 59.3533, 0.3496, 0.3764 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 59.3533, 0.3496, 0.3764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

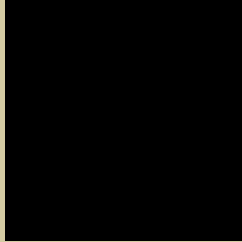
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

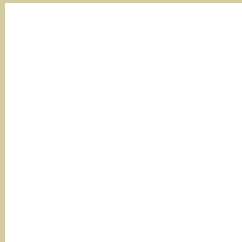
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3533, 0.3496, 0.3764

Background



This preview shows how black text looks on a background with the Yxy color 59.3533, 0.3496, 0.3764.



This preview shows how white text looks on a background with the Yxy color 59.3533, 0.3496, 0.3764.

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

59.3533, 0.3496, 0.3764

Protanopia

59.3325, 0.3523, 0.3749

Deuteranopia

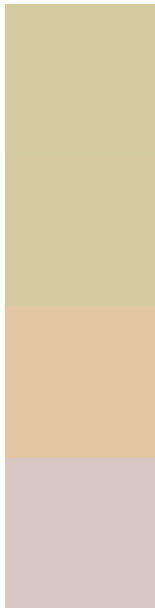
59.4090, 0.3697, 0.3626



Tritanopia

59.1387, 0.3183, 0.3109

Trichromacy



Original Color

59.3533, 0.3496, 0.3764

Protanomaly

59.1815, 0.3515, 0.3751

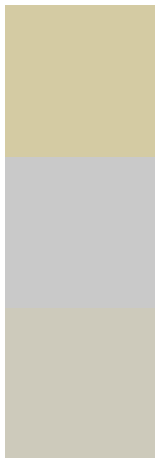
Deuteranomaly

59.3994, 0.3627, 0.3679

Tritanomaly

59.3408, 0.3300, 0.3348

Monochromacy



Original Color

59.3533, 0.3496, 0.3764

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.8081, 0.3260, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3533, 0.3496, 0.3764 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, 203, 163)` looks like.

```
.text, #text, p{  
    color:rgb(212, 203, 163)  
}
```

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, 203, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 203, 163) }
```

Border

The CSS property to change the border of an element to Yxy 59.3533, 0.3496, 0.3764 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, 203, 163) }
```

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

```
.border{ border-color:rgb(212, 203, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 203, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 203, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 203, 163);  
box-shadow:4px 4px 4px 4px rgb(212, 203,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3533, 0.3496, 0.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 203, 163) }
```

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

```
.background{ background-color: rgb(212,  
203, 163) }
```

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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