

Converting Colors

$Yxy(59.8756, 0.3505, 0.3737)$

Have a look what the booklet for
Yxy(59.8756, 0.3505, 0.3737)
contains.

Yxy(59.8756, 0.3505, 0.3737)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.8756, 0.3505, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	D7CBA5
RGB	215, 203, 165
RGB Percent	84%, 80%, 65%
CMY	0.1571, 0.2038, 0.3530
CMYK	0.00, 0.06, 0.23, 0.16
HSL	46°, 38%, 74%
HSV	46°, 23%, 84%
XYZ	56.1584, 59.8756, 44.1897
YIQ	202.2560, 19.3500, -9.2740

Conversions

Conversions Part 2

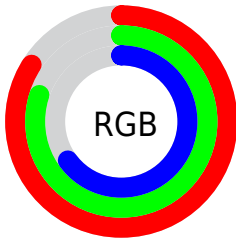
Format	Color
RYB	181, 215, 165
Decimal	14142373
CIELab	81.77, -1.86, 20.49
CIELCh	82, 20.579, 95.195
Yxy	59.8756, 0.3505, 0.3737
Android (android.graphics.Color)	4292332453 (0xFFD7CBA5)
YUV	202.2560, -18.3672, 11.1765
Hunter-Lab	77.3793, -5.8666, 20.3063

Details

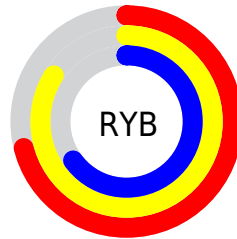
The Yxy color **59.8756, 0.3505, 0.3737** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.3100, 0.2747, 0.2799**, and the grayscale version is **59.3355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **30.1607, 0.3603, 0.3850** is the 20% darker color. If you saturate the color by 10%, you get **56.7776, 0.3685, 0.3935**, and if you desaturate by 10%, it is **63.1906, 0.3334, 0.3540**.

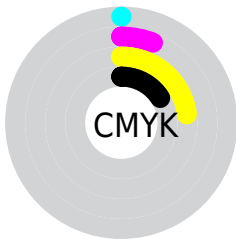
Distribution



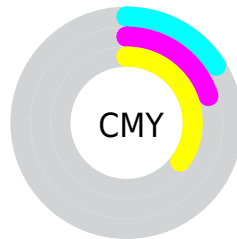
- Red (84%)
- Green (80%)
- Blue (65%)



- Red (71%)
- Yellow (84%)
- Blue (65%)



- Cyan (0%)
- Magenta (6%)
- Yellow (23%)
- Black (16%)




- Cyan (16%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8756, 0.3505, 0.3737 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 59.8756, 0.3505, 0.3737 by changing the saturation by 10% instead.


 59.8756, 0.3505,
0.3737

 59.8756, 0.3505,
0.3737


424.1391, 0.3325,
0.3523

 43.3184, 0.3547,
0.3788


 104.6492, 0.3442,
0.3661

 30.1350, 0.3600,
0.3851


 133.6343, 0.3417,
0.3632

 19.9411, 0.3667,
0.3932


167.5309, 0.3396,
0.3607

 12.3522, 0.3755,
0.4041

206.7233, 0.3378,
0.3586

 6.9840, 0.3876,
0.4190

251.5960, 0.3363,
0.3567

 3.4521, 0.4047,
0.4408

302.5332, 0.3349,

 1.3721, 0.4756,

0.3550

0.5244

359.9194, 0.3336,
0.3536

0.1960, 0.4181,
0.5819

0.0000, 0.0000,
0.0000

59.8756, 0.3505,
0.3737

59.8756, 0.3505,
0.3737

56.7776, 0.3685,
0.3935

63.1906, 0.3334,
0.3540

53.8813, 0.3871,
0.4127

66.7215, 0.3176,
0.3350

51.1813, 0.4056,
0.4303

70.4774, 0.3030,
0.3169

48.6692, 0.4233,
0.4454

74.4644, 0.2898,
0.3000

46.3352, 0.4393,
0.4568

77.5121, 0.2877,
0.3014

44.1685, 0.4529,
0.4639

80.3867, 0.2879,
0.3069

42.1558, 0.4636,
0.4661

83.3457, 0.2881,
0.3123

40.8680, 0.4695,
0.4654

86.3899, 0.2884,
0.3177

89.5200, 0.2886,
0.3230

Harmonies

Analogous

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



59.8756, 0.3639, 0.3603



59.8756, 0.3505, 0.3737



59.8756, 0.3271, 0.3750

Triad

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



59.8756, 0.3505, 0.3737



59.8756, 0.2648, 0.3148



59.8756, 0.3234, 0.2987

Complementary

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



59.8756, 0.3505, 0.3737



44.3100, 0.2747, 0.2799

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.



59.8756, 0.2967, 0.2872



59.8756, 0.3505, 0.3737



59.8756, 0.2638, 0.2954

Square

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



59.8756, 0.3505, 0.3737



59.8756, 0.2780, 0.3397



59.8756, 0.2752, 0.2858



59.8756, 0.3480, 0.3176

Rectangle

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



59.8756, 0.3505, 0.3737



59.8756, 0.3094, 0.3680



59.8756, 0.2752, 0.2858



59.8756, 0.3143, 0.2939

Sweetspot

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



59.8783, 0.3505, 0.3737



96.2160, 0.3235, 0.3422



44.5390, 0.3486, 0.3141



20.5260, 0.3245, 0.3433



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.



59.8783, 0.3505, 0.3737



85.8327, 0.3595, 0.3837



63.9079, 0.3378, 0.3886



13.9944, 0.3272, 0.3467



24.6298, 0.4686, 0.4662



1.6093, 0.4583, 0.4743

Inverse Universe

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



44.3100, 0.2747, 0.2799



58.9642, 0.2655, 0.2675



41.2140, 0.2835, 0.2658



12.4850, 0.2982, 0.3107



4.5040, 0.1576, 0.0874



0.4015, 0.1669, 0.1208

Previews

White Background



This preview shows how the Yxy color 59.8756, 0.3505, 0.3737 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 59.8756, 0.3505, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

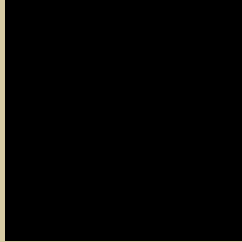
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

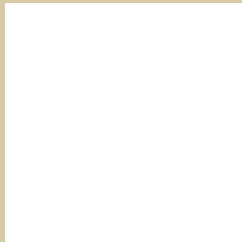
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8756, 0.3505, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 59.8756, 0.3505, 0.3737.

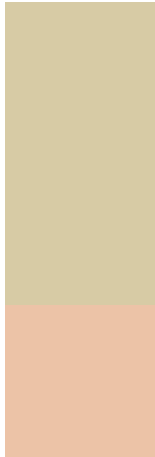


This preview shows how white text looks on a background with the Yxy color 59.8756, 0.3505, 0.3737.

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

59.8756, 0.3505, 0.3737

Protanopia

59.8756, 0.3505, 0.3737

Deuteranopia

59.6531, 0.3689, 0.3602



Tritanopia

60.0581, 0.3206, 0.3122

Trichromacy



Original Color

59.8756, 0.3505, 0.3737

Protanomaly

59.8756, 0.3505, 0.3737

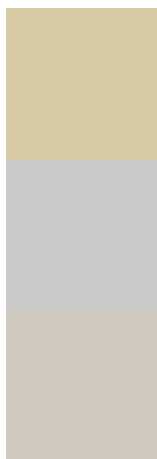
Deuteranomaly

59.6353, 0.3620, 0.3655

Tritanomaly

59.8470, 0.3316, 0.3336

Monochromacy



Original Color

59.8756, 0.3505, 0.3737

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.1806, 0.3261, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8756, 0.3505, 0.3737 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, 203, 165)` looks like.

```
.text, #text, p{  
    color:rgb(215, 203, 165)  
}
```

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, 203, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 203, 165) }
```

Border

The CSS property to change the border of an element to Yxy 59.8756, 0.3505, 0.3737 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, 203, 165) }
```

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

```
.border{ border-color:rgb(215, 203, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 203, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 203, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 203, 165);  
box-shadow:4px 4px 4px 4px rgb(215, 203,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8756, 0.3505, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 203, 165) }
```

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

```
.background{ background-color: rgb(215,  
203, 165) }
```

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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