

Converting Colors

$Yxy(61.9503, 0.3485, 0.3707)$

Have a look what the booklet for
Yxy(61.9503, 0.3485, 0.3707)
contains.

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Color

Yxy(61.9503, 0.3485, 0.3707)

Conversions

Conversions Part 1

Format	Color
Hex	DACEAA
RGB	218, 206, 170
RGB Percent	85%, 81%, 67%
CMY	0.1451, 0.1921, 0.3333
CMYK	0.00, 0.05, 0.22, 0.15
HSL	45°, 39%, 76%
HSV	45°, 22%, 85%
XYZ	58.2403, 61.9503, 46.9265
YIQ	205.4840, 18.7080, -8.6520

Conversions

Conversions Part 2

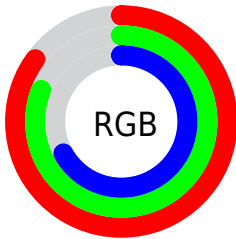
Format	Color
R _Y B	186, 218, 170
Decimal	14339754
CIE Lab	82.89, -1.55, 19.42
CIE LCh	83, 19.485, 94.574
Yxy	61.9503, 0.3485, 0.3707
Android (android.graphics.Color)	4292529834 (0xFFDACEAA)
YUV	205.4840, -17.4936, 10.9765
Hunter-Lab	78.7085, -5.6590, 19.7469

Details

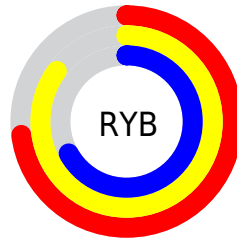
The Yxy color **61.9503, 0.3485, 0.3707** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.0683, 0.2769, 0.2835**, and the grayscale version is **61.4812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **31.5510, 0.3574, 0.3809** is the 20% darker color. If you saturate the color by 10%, you get **58.6175, 0.3666, 0.3903**, and if you desaturate by 10%, it is **65.5163, 0.3315, 0.3513**.

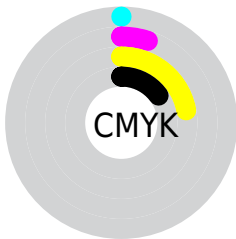
Distribution



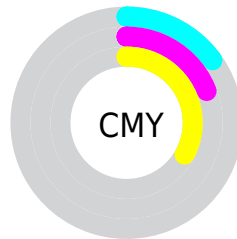
- Red (85%)
- Green (81%)
- Blue (67%)



- Red (73%)
- Yellow (85%)
- Blue (67%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9503, 0.3485, 0.3707 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 61.9503, 0.3485, 0.3707 by changing the saturation by 10% instead.

■ 61.9503, 0.3485,
0.3707

■ 61.9503, 0.3485,
0.3707

431.7498, 0.3315,
0.3508

■ 44.9925, 0.3525,
0.3754

■ 107.6537, 0.3425,
0.3637

■ 31.4516, 0.3574,
0.3812

137.1681, 0.3403,
0.3610

■ 20.9429, 0.3637,
0.3887

171.6369, 0.3383,
0.3587

■ 13.0823, 0.3719,
0.3986

211.4444, 0.3366,
0.3567

■ 7.4852, 0.3832,
0.4122

256.9751, 0.3351,
0.3550

■ 3.7674, 0.3993,
0.4321

308.6132, 0.3338,

■ 1.5443, 0.4483,

0.3534

0.4897

366.7434, 0.3326,
0.3520

0.3196, 0.4541,
0.5459

0.0000, 0.0000,
0.0000

61.9503, 0.3485,
0.3707

61.9503, 0.3485,
0.3707

58.6175, 0.3666,
0.3903

65.5163, 0.3315,
0.3513

55.5021, 0.3853,
0.4093

69.3145, 0.3157,
0.3326

52.5985, 0.4042,
0.4270

73.3542, 0.3013,
0.3149

49.8977, 0.4224,
0.4423

77.4985, 0.2896,
0.3006

47.3899, 0.4391,
0.4541

80.5395, 0.2898,
0.3064

45.0637, 0.4535,
0.4615

83.6757, 0.2900,
0.3121

42.9058, 0.4650,
0.4640

86.9080, 0.2902,
0.3178

41.2849, 0.4723,
0.4632

90.2372, 0.2904,
0.3234

93.6445, 0.2906,
0.3289

Harmonies

Analogous

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



61.9503, 0.3608, 0.3581



61.9503, 0.3485, 0.3707



61.9503, 0.3268, 0.3720

Triad

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



61.9503, 0.3485, 0.3707



61.9503, 0.2679, 0.3163



61.9503, 0.3222, 0.3003

Complementary

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



61.9503, 0.3485, 0.3707



47.0683, 0.2769, 0.2835

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.



61.9503, 0.2973, 0.2897



61.9503, 0.3485, 0.3707



61.9503, 0.2667, 0.2978

Square

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



61.9503, 0.3485, 0.3707



61.9503, 0.2806, 0.3395



61.9503, 0.2772, 0.2885



61.9503, 0.3454, 0.3179

Rectangle

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



61.9503, 0.3485, 0.3707



61.9503, 0.3102, 0.3657



61.9503, 0.2772, 0.2885



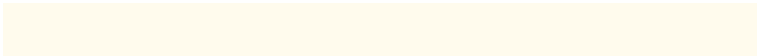
61.9503, 0.3138, 0.2958

Sweetspot

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



61.9531, 0.3485, 0.3707



96.0903, 0.3235, 0.3420



47.0388, 0.3463, 0.3149



20.4968, 0.3245, 0.3431



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.



61.9531, 0.3485, 0.3707



86.3227, 0.3560, 0.3790



66.1646, 0.3365, 0.3853



14.6841, 0.3273, 0.3464



24.9142, 0.4714, 0.4639



1.7474, 0.4611, 0.4721

Inverse Universe

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



47.0683, 0.2769, 0.2835



61.7909, 0.2693, 0.2734



43.7646, 0.2852, 0.2694



13.1432, 0.2981, 0.3109



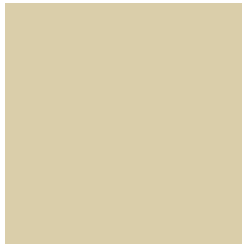
4.7844, 0.1582, 0.0895



0.4467, 0.1670, 0.1210

Previews

White Background



This preview shows how the Yxy color 61.9503, 0.3485, 0.3707 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 61.9503, 0.3485, 0.3707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

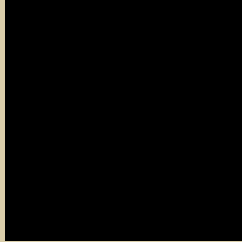
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9503, 0.3485, 0.3707

Background



This preview shows how black text looks on a background with the Yxy color 61.9503, 0.3485, 0.3707.



This preview shows how white text looks on a background with the Yxy color 61.9503, 0.3485, 0.3707.

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

61.9503, 0.3485, 0.3707

Protanopia

61.9503, 0.3485, 0.3707

Deuteranopia

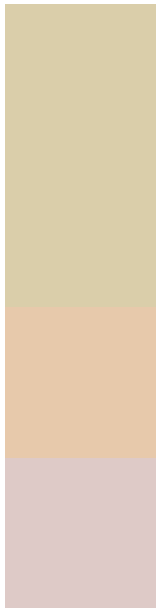
61.5439, 0.3656, 0.3577



Tritanopia

62.0621, 0.3205, 0.3124

Trichromacy



Original Color

61.9503, 0.3485, 0.3707

Protanomaly

61.9503, 0.3485, 0.3707

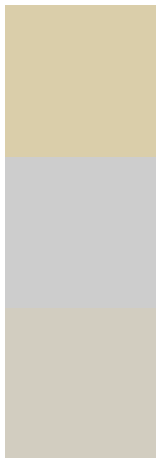
Deuteranomaly

61.7025, 0.3597, 0.3627

Tritanomaly

61.8942, 0.3306, 0.3324

Monochromacy



Original Color

61.9503, 0.3485, 0.3707

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.1701, 0.3259, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9503, 0.3485, 0.3707 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(218, 206, 170)` looks like.

```
.text, #text, p{  
    color:rgb(218, 206, 170)  
}
```

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(218, 206, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 206, 170) }
```

Border

The CSS property to change the border of an element to Yxy 61.9503, 0.3485, 0.3707 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(218, 206, 170) }
```

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

```
.border{ border-color:rgb(218, 206, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 206, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 206, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 206, 170);  
box-shadow:4px 4px 4px 4px rgb(218, 206,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9503, 0.3485, 0.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 206, 170) }
```

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

```
.background{ background-color: rgb(218,  
206, 170) }
```

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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