

Converting Colors

$Yxy(62.9303, 0.3505, 0.3611)$

Have a look what the booklet for
Yxy(62.9303, 0.3505, 0.3611)
contains.

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Color

Yxy(62.9660, 0.3507, 0.3619)

Conversions

Conversions Part 1

Format	Color
Hex	E2CDB0
RGB	226, 205, 176
RGB Percent	89%, 80%, 69%
CMY	0.1139, 0.1960, 0.3099
CMYK	0.00, 0.09, 0.22, 0.11
HSL	35°, 46%, 79%
HSV	35°, 22%, 89%
XYZ	61.0173, 62.9660, 50.0039
YIQ	207.9730, 21.8250, -4.5670

Conversions

Conversions Part 2

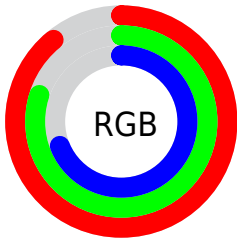
Format	Color
R _Y B	212, 226, 176
Decimal	14863792
CIE Lab	83.42, 2.77, 17.12
CIE LCh	83, 17.341, 80.792
Yxy	62.9660, 0.3507, 0.3619
Android (android.graphics.Color)	4293053872 (0xFFE2CDB0)
YUV	207.9730, -15.7627, 15.8097
Hunter-Lab	79.3511, -1.6062, 18.1836

Details

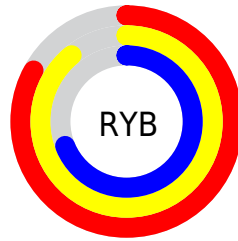
The Yxy color **62.9660, 0.3507, 0.3619** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.6051, 0.2774, 0.2937**, and the grayscale version is **63.1487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **32.1093, 0.3604, 0.3707** is the 20% darker color. If you saturate the color by 10%, you get **57.7568, 0.3711, 0.3775**, and if you desaturate by 10%, it is **68.6035, 0.3323, 0.3466**.

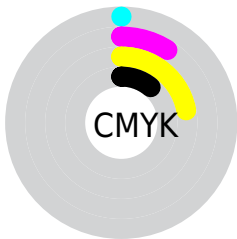
Distribution



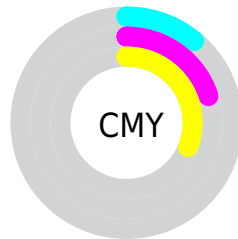
- Red (89%)
- Green (80%)
- Blue (69%)



- Red (83%)
- Yellow (89%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (22%)
- Black (11%)





- Cyan (11%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9660, 0.3507, 0.3619 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 62.9660, 0.3507, 0.3619 by changing the saturation by 10% instead.


 62.9660, 0.3507,
0.3619

 62.9660, 0.3507,
0.3619


435.4461, 0.3326,
0.3464

 45.8137, 0.3549,
0.3655


 109.1205, 0.3443,
0.3565

 32.0988, 0.3602,
0.3699


138.8914, 0.3419,
0.3544

 21.4370, 0.3670,
0.3756


173.6374, 0.3398,
0.3526

 13.4438, 0.3760,
0.3830

213.7427, 0.3380,
0.3510

 7.7349, 0.3884,
0.3931

259.5919, 0.3364,
0.3497

 3.9258, 0.4066,
0.4075

311.5692, 0.3350,

 1.6321, 0.4463,

0.3485

0.4401

370.0592, 0.3337,
0.3474

0.3791, 0.5303,
0.4697

0.0000, 0.0000,
0.0000

62.9660, 0.3507,
0.3619

62.9660, 0.3507,
0.3619

57.7568, 0.3711,
0.3775

68.6035, 0.3323,
0.3466

52.9551, 0.3933,
0.3929

74.6722, 0.3159,
0.3320

48.5510, 0.4169,
0.4071

81.1859, 0.3014,
0.3182

44.5304, 0.4411,
0.4191

87.4015, 0.2950,
0.3167

■ 40.8785, 0.4649,
0.4278

■ 93.2065, 0.2951,
0.3263

■ 37.5785, 0.4869,
0.4319

■ 94.8996, 0.2952,
0.3289

■ 34.6112, 0.5059,
0.4306

■ 32.4838, 0.5186,
0.4264

Harmonies

Analogous

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



62.9660, 0.3563, 0.3475



62.9660, 0.3507, 0.3619



62.9660, 0.3348, 0.3679

Triad

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



62.9660, 0.3507, 0.3619



62.9660, 0.2769, 0.3271



62.9660, 0.3109, 0.2981

Complementary

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



62.9660, 0.3507, 0.3619



54.6051, 0.2774, 0.2937

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.



62.9660, 0.2901, 0.2924



62.9660, 0.3507, 0.3619



62.9660, 0.2710, 0.3082

Square

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



62.9660, 0.3507, 0.3619



62.9660, 0.2923, 0.3475



62.9660, 0.2757, 0.2958



62.9660, 0.3329, 0.3114

Rectangle

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



62.9660, 0.3507, 0.3619



62.9660, 0.3208, 0.3657



62.9660, 0.2757, 0.2958



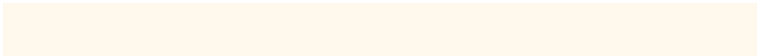
62.9660, 0.3035, 0.2953

Sweetspot

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



62.9688, 0.3507, 0.3619



94.2270, 0.3238, 0.3391



51.2652, 0.3386, 0.3045



20.0648, 0.3248, 0.3400



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.



62.9688, 0.3507, 0.3619



79.2980, 0.3608, 0.3698



73.1226, 0.3435, 0.3845



15.0175, 0.3277, 0.3426



18.7820, 0.5166, 0.4280



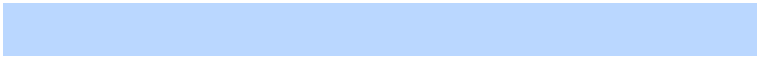
1.4777, 0.4976, 0.4431

Inverse Universe

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



54.6051, 0.2774, 0.2937



66.2674, 0.2688, 0.2844



46.1546, 0.2779, 0.2678



14.1817, 0.2981, 0.3150



7.9863, 0.1701, 0.1325



0.7276, 0.1786, 0.1628

Previews

White Background



This preview shows how the Yxy color 62.9660, 0.3507, 0.3619 looks on a white background.

Color Contrast Check

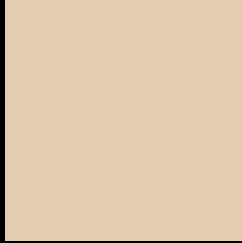
Large Text (above 18pt) WCAG AA × Fail

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 62.9660, 0.3507, 0.3619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

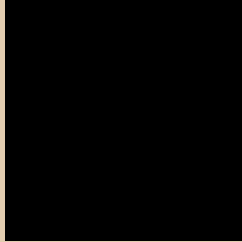
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

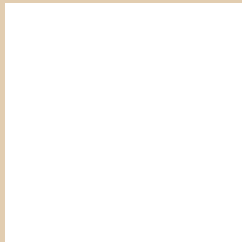
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.9660, 0.3507, 0.3619

Background



This preview shows how black text looks on a background with the Yxy color 62.9660, 0.3507, 0.3619.



This preview shows how white text looks on a background with the Yxy color 62.9660, 0.3507, 0.3619.

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

62.9660, 0.3507, 0.3619

Protanopia

62.8600, 0.3439, 0.3635

Deuteranopia

62.8336, 0.3619, 0.3543



Tritanopia

62.7421, 0.3261, 0.3116

Trichromacy



Original Color

62.9660, 0.3507, 0.3619

Protanomaly

62.8465, 0.3465, 0.3622

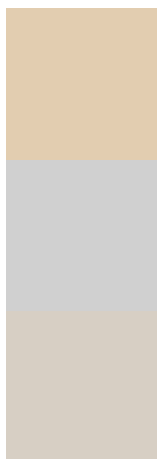
Deuteranomaly

62.9078, 0.3573, 0.3568

Tritanomaly

62.6483, 0.3348, 0.3291

Monochromacy



Original Color

62.9660, 0.3507, 0.3619

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.0582, 0.3267, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9660, 0.3507, 0.3619 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(226, 205, 176)` looks like.

```
.text, #text, p{  
    color:rgb(226, 205, 176)  
}
```

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(226, 205, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 205, 176) }
```

Border

The CSS property to change the border of an element to Yxy 62.9660, 0.3507, 0.3619 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(226, 205, 176) }
```

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

```
.border{ border-color:rgb(226, 205, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 205, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 205, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 205, 176);  
box-shadow:4px 4px 4px 4px rgb(226, 205,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9660, 0.3507, 0.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 205, 176) }
```

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

```
.background{ background-color: rgb(226,  
205, 176) }
```

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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