

Converting Colors

$Yxy(66.0554, 0.3616, 0.3723)$

Have a look what the booklet for
Yxy(66.0554, 0.3616, 0.3723)
contains.

Yxy(66.1654, 0.3615, 0.3719)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.1654, 0.3615, 0.3719)

Conversions

Conversions Part 1

Format	Color
Hex	EBD1AA
RGB	235, 209, 170
RGB Percent	92%, 82%, 67%
CMY	0.0785, 0.1804, 0.3332
CMYK	0.00, 0.11, 0.28, 0.08
HSL	36°, 62%, 79%
HSV	36°, 28%, 92%
XYZ	64.3151, 66.1654, 47.4313
YIQ	212.3280, 28.0150, -6.6170

Conversions

Conversions Part 2

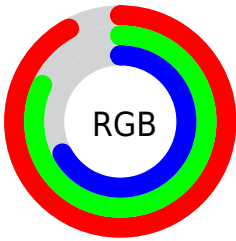
Format	Color
R _Y B	213, 235, 170
Decimal	15454634
CIE Lab	85.08, 3.27, 22.67
CIE LCh	85, 22.901, 81.789
Yxy	66.1654, 0.3615, 0.3719
Android (android.graphics.Color)	4293644714 (0xFFEBD1AA)
YUV	212.3280, -20.8677, 19.8833
Hunter-Lab	81.3421, -1.2134, 22.3670

Details

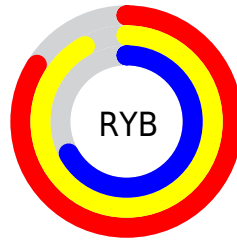
The Yxy color **66.1654, 0.3615, 0.3719** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.0326, 0.2678, 0.2819**, and the grayscale version is **66.1977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **34.2157, 0.3724, 0.3821** is the 20% darker color. If you saturate the color by 10%, you get **60.8804, 0.3826, 0.3879**, and if you desaturate by 10%, it is **71.8874, 0.3422, 0.3559**.

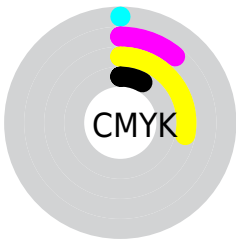
Distribution



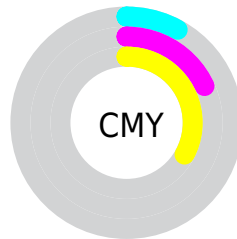
- Red (92%)
- Green (82%)
- Blue (67%)



- Red (84%)
- Yellow (92%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (28%)
- Black (8%)





- Cyan (8%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1654, 0.3615, 0.3719 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 66.1654, 0.3615, 0.3719 by changing the saturation by 10% instead.

 66.1654, 0.3615,
0.3719

 66.1654, 0.3615,
0.3719

446.9682, 0.3386,
0.3520

 48.4067, 0.3668,
0.3764


 113.7237, 0.3535,
0.3650

 34.1491, 0.3734,
0.3820

144.2921, 0.3504,
0.3623

 23.0081, 0.3817,
0.3890


179.8991, 0.3477,
0.3600

 14.5995, 0.3926,
0.3980

220.9292, 0.3454,
0.3580

 8.5388, 0.4073,
0.4099

267.7668, 0.3434,
0.3562

 4.4416, 0.4279,
0.4262

320.7962, 0.3416,

 1.9235, 0.4768,

0.3546

0.4666

380.4019, 0.3400,
0.3532

0.5625, 0.5221,
0.4779

0.0000, 0.0000,
0.0000

66.1654, 0.3615,
0.3719

66.1654, 0.3615,
0.3719

60.8804, 0.3826,
0.3879

71.8874, 0.3422,
0.3559

56.0103, 0.4053,
0.4032

78.0497, 0.3247,
0.3403

51.5440, 0.4288,
0.4168

84.6671, 0.3092,
0.3256

47.4664, 0.4522,
0.4275

91.1551, 0.3005,
0.3206

43.7608, 0.4743,
0.4341

96.3987, 0.3005,
0.3290

40.4082, 0.4938,
0.4356

37.3848, 0.5099,
0.4318

36.7108, 0.5134,
0.4305

Harmonies

Analogous

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



66.1654, 0.3695, 0.3532



66.1654, 0.3615, 0.3719



66.1654, 0.3403, 0.3798

Triad

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



66.1654, 0.3615, 0.3719



66.1654, 0.2661, 0.3253



66.1654, 0.3111, 0.2899

Complementary

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



66.1654, 0.3615, 0.3719



54.0326, 0.2678, 0.2819

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.



66.1654, 0.2841, 0.2821



66.1654, 0.3615, 0.3719



66.1654, 0.2590, 0.3009

Square

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



66.1654, 0.3615, 0.3719



66.1654, 0.2853, 0.3523



66.1654, 0.2655, 0.2857



66.1654, 0.3397, 0.3069

Rectangle

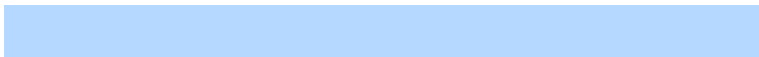
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.1654, 0.3615, 0.3719



66.1654, 0.3219, 0.3769



66.1654, 0.2655, 0.2857



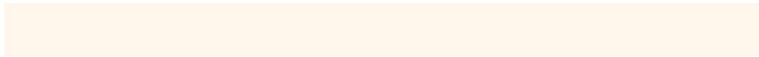
66.1654, 0.3015, 0.2861

Sweetspot

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



66.1684, 0.3615, 0.3719



93.6598, 0.3254, 0.3409



50.4100, 0.3491, 0.3003



19.8003, 0.3279, 0.3432



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.



66.1684, 0.3615, 0.3719



76.0910, 0.3729, 0.3808



78.8826, 0.3497, 0.3991



16.5576, 0.3278, 0.3431



20.6916, 0.5115, 0.4320



1.8122, 0.4953, 0.4449

Inverse Universe

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



54.0326, 0.2678, 0.2819



59.2863, 0.2582, 0.2709



44.0546, 0.2693, 0.2502



15.5376, 0.2980, 0.3145



8.0255, 0.1685, 0.1265



0.8139, 0.1761, 0.1539

Previews

White Background



This preview shows how the Yxy color 66.1654, 0.3615, 0.3719 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 66.1654, 0.3615, 0.3719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

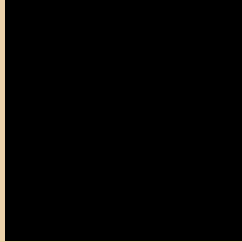
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1654, 0.3615, 0.3719

Background



This preview shows how black text looks on a background with the Yxy color 66.1654, 0.3615, 0.3719.



This preview shows how white text looks on a background with the Yxy color 66.1654, 0.3615, 0.3719.

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

66.1654, 0.3615, 0.3719

Protanopia

66.2343, 0.3521, 0.3740

Deuteranopia

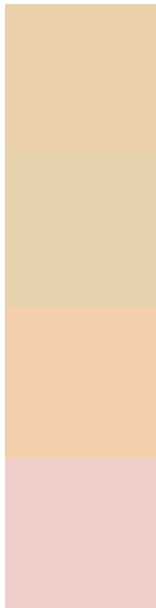
65.9002, 0.3720, 0.3643



Tritanopia

66.0038, 0.3313, 0.3122

Trichromacy



Original Color

66.1654, 0.3615, 0.3719

Protanomaly

66.1868, 0.3554, 0.3737

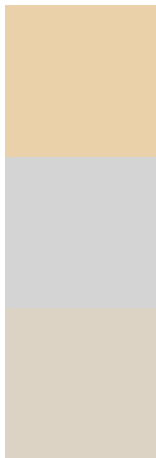
Deuteranomaly

66.1376, 0.3682, 0.3668

Tritanomaly

66.2304, 0.3421, 0.3334

Monochromacy



Original Color

66.1654, 0.3615, 0.3719

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.8354, 0.3294, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1654, 0.3615, 0.3719 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(235, 209, 170)` looks like.

```
.text, #text, p{  
    color:rgb(235, 209, 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(235, 209, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 209, 170) }
```

Border

The CSS property to change the border of an element to Yxy 66.1654, 0.3615, 0.3719 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(235, 209, 170) }
```

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

```
.border{ border-color:rgb(235, 209, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 209, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 209, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 209, 170);  
box-shadow:4px 4px 4px 4px rgb(235, 209,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1654, 0.3615, 0.3719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 209, 170) }
```

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

```
.background{ background-color: rgb(235,  
209, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor