

Converting Colors

Yxy(67.8961, 0.3620, 0.3737)

Have a look what the booklet for
Yxy(67.8961, 0.3620, 0.3737)
contains.

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Color

Yxy(68.0318, 0.3616, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	EDD4AB
RGB	237, 212, 171
RGB Percent	93%, 83%, 67%
CMY	0.0704, 0.1687, 0.3294
CMYK	0.00, 0.11, 0.28, 0.07
HSL	37°, 65%, 80%
HSV	37°, 28%, 93%
XYZ	65.8290, 68.0318, 48.1884
YIQ	214.8010, 28.0610, -7.4510

Conversions

Conversions Part 2

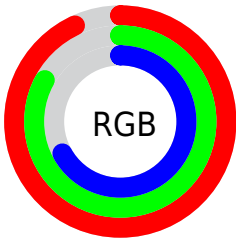
Format	Color
R_{YB}	211, 237, 171
Decimal	15586475
CIE _{Lab}	86.02, 2.63, 23.49
CIE _{LCh}	86, 23.634, 83.612
Yxy	68.0318, 0.3616, 0.3737
Android (android.graphics.Color)	4293776555 (0xFFEDD4AB)
YUV	214.8010, -21.5939, 19.4685
Hunter-Lab	82.4814, -1.8803, 23.0977

Details

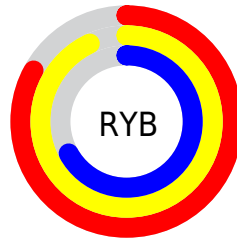
The Yxy color **68.0318, 0.3616, 0.3737** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.2757, 0.2672, 0.2798**, and the grayscale version is **67.9525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **35.4889, 0.3722, 0.3843** is the 20% darker color. If you saturate the color by 10%, you get **62.8402, 0.3824, 0.3902**, and if you desaturate by 10%, it is **73.6420, 0.3424, 0.3571**.

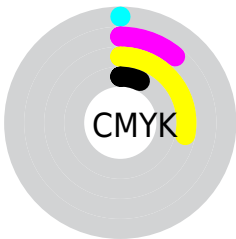
Distribution



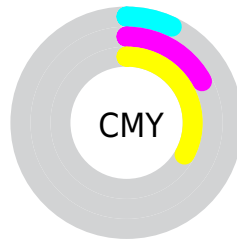
- Red (93%)
- Green (83%)
- Blue (67%)



- Red (83%)
- Yellow (93%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (28%)
- Black (7%)





- Cyan (7%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.0318, 0.3616, 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 68.0318, 0.3616, 0.3737 by changing the saturation by 10% instead.


 68.0318, 0.3616,
0.3737

 68.0318, 0.3616,
0.3737

453.6087, 0.3387,
0.3530

 49.9236, 0.3668,
0.3784


 116.3976, 0.3536,
0.3665

 35.3527, 0.3733,
0.3841


147.4241, 0.3506,
0.3638

 23.9347, 0.3815,
0.3913


183.5254, 0.3479,
0.3614

 15.2852, 0.3921,
0.4006

225.0859, 0.3456,
0.3593

 9.0198, 0.4064,
0.4128

272.4901, 0.3436,
0.3574

 4.7541, 0.4262,
0.4294

326.1224, 0.3418,

 2.1037, 0.4693,

0.3558

0.4666

386.3671, 0.3402,
0.3543

0.6667, 0.5114,
0.4886

0.0000, 0.0000,
0.0000

68.0318, 0.3616,
0.3737

68.0318, 0.3616,
0.3737

62.8402, 0.3824,
0.3902

73.6420, 0.3424,
0.3571

58.0451, 0.4046,
0.4060

79.6736, 0.3251,
0.3411

53.6362, 0.4274,
0.4199

86.1407, 0.3095,
0.3258

49.5985, 0.4499,
0.4309

92.3381, 0.3018,
0.3220

■ 45.9159, 0.4710,
0.4378

■ 96.7515, 0.3018,
0.3290

■ 42.5698, 0.4894,
0.4396

■ 39.5363, 0.5045,
0.4363

■ 38.9213, 0.5076,
0.4352

Harmonies

Analogous

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



68.0318, 0.3708, 0.3550



68.0318, 0.3616, 0.3737



68.0318, 0.3393, 0.3810

Triad

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



68.0318, 0.3616, 0.3737



68.0318, 0.2643, 0.3235



68.0318, 0.3128, 0.2899

Complementary

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



68.0318, 0.3616, 0.3737



54.2757, 0.2672, 0.2798

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.



68.0318, 0.2849, 0.2812



68.0318, 0.3616, 0.3737



68.0318, 0.2579, 0.2990

Square

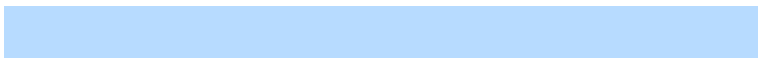
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.0318, 0.3616, 0.3737



68.0318, 0.2832, 0.3513



68.0318, 0.2653, 0.2841



68.0318, 0.3419, 0.3077

Rectangle

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



68.0318, 0.3616, 0.3737



68.0318, 0.3203, 0.3774



68.0318, 0.2653, 0.2841



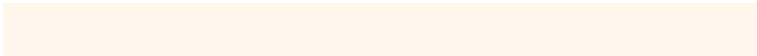
68.0318, 0.3030, 0.2858

Sweetspot

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



68.0349, 0.3616, 0.3737



93.9174, 0.3254, 0.3413



51.1367, 0.3504, 0.3012



19.8653, 0.3279, 0.3437



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.



68.0349, 0.3616, 0.3737



77.0147, 0.3724, 0.3825



80.2454, 0.3492, 0.4000



16.6115, 0.3277, 0.3436



21.5025, 0.5057, 0.4366



1.8729, 0.4906, 0.4487

Inverse Universe

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



54.2757, 0.2672, 0.2798



58.4627, 0.2580, 0.2688



44.7906, 0.2696, 0.2496



15.4853, 0.2980, 0.3140



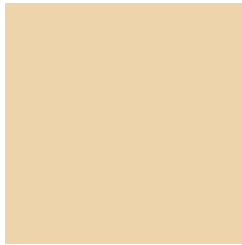
7.5538, 0.1668, 0.1206



0.7735, 0.1745, 0.1482

Previews

White Background



This preview shows how the Yxy color 68.0318, 0.3616, 0.3737 looks on a white background.

Color Contrast Check

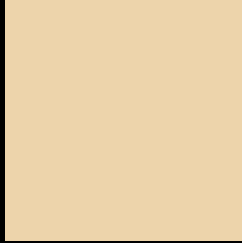
Large Text (above 18pt) WCAG AA × Fail

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 68.0318, 0.3616, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

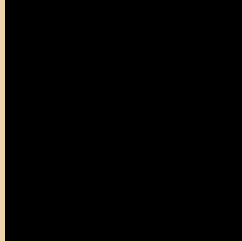
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.0318, 0.3616, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 68.0318, 0.3616, 0.3737.



This preview shows how white text looks on a background with the Yxy color 68.0318, 0.3616, 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

68.0318, 0.3616, 0.3737

Protanopia

68.2374, 0.3537, 0.3767

Deuteranopia

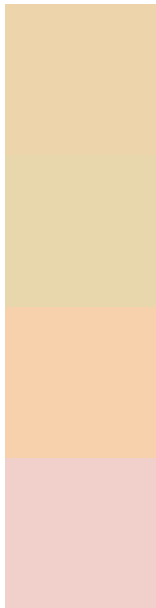
68.1134, 0.3735, 0.3659



Tritanopia

67.9378, 0.3303, 0.3123

Trichromacy



Original Color

68.0318, 0.3616, 0.3737

Protanomaly

68.2275, 0.3563, 0.3753

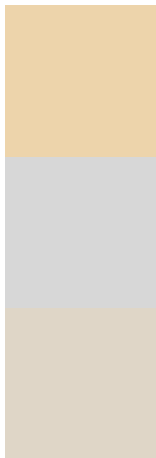
Deuteranomaly

68.1723, 0.3689, 0.3685

Tritanomaly

68.1243, 0.3417, 0.3344

Monochromacy



Original Color

68.0318, 0.3616, 0.3737

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.9046, 0.3298, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0318, 0.3616, 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(237, 212, 171)` looks like.

```
.text, #text, p{  
    color:rgb(237, 212, 171)  
}
```

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(237, 212, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 212, 171) }
```

Border

The CSS property to change the border of an element to Yxy 68.0318, 0.3616, 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(237, 212, 171) }
```

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

```
.border{ border-color:rgb(237, 212, 171) }
```

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

Here you see how a box with a 4 pixel rgb(237, 212, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 212, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 212, 171);  
box-shadow:4px 4px 4px 4px rgb(237, 212,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0318, 0.3616, 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(237, 212, 171) }
```

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

```
.background{ background-color: rgb(237,  
212, 171) }
```

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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