

Converting Colors

$Yxy(68.1122, 0.3354, 0.3450)$

Have a look what the booklet for
Yxy(68.1122, 0.3354, 0.3450)
contains.

Yxy(68.3237, 0.3353, 0.3455)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.3237, 0.3353, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	E5D5C6
RGB	229, 213, 198
RGB Percent	90%, 84%, 78%
CMY	0.1019, 0.1647, 0.2235
CMYK	0.00, 0.07, 0.14, 0.10
HSL	29°, 37%, 84%
HSV	29°, 14%, 90%
XYZ	66.3066, 68.3237, 63.1228
YIQ	216.0740, 14.3510, -1.2730

Conversions

Conversions Part 2

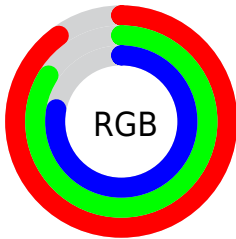
Format	Color
R _Y B	229, 227, 198
Decimal	15062470
CIE Lab	86.17, 3.07, 9.39
CIE LCh	86, 9.875, 71.897
Yxy	68.3237, 0.3353, 0.3455
Android (android.graphics.Color)	4293252550 (0xFFE5D5C6)
YUV	216.0740, -8.9105, 11.3361
Hunter-Lab	82.6582, -1.4628, 12.5833

Details

The Yxy color **68.3237, 0.3353, 0.3455** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7764, 0.2916, 0.3119**, and the grayscale version is **68.7808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3516, 0.3407, 0.3492** is the 20% darker color. If you saturate the color by 10%, you get **61.6105, 0.3548, 0.3584**, and if you desaturate by 10%, it is **75.6372, 0.3182, 0.3332**.

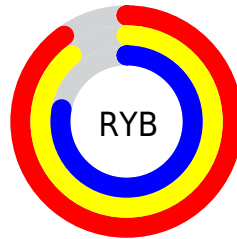
Distribution



Red (90%)

Green (84%)

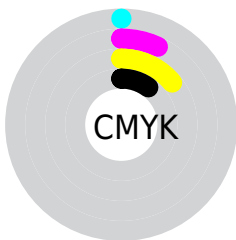
Blue (78%)



Red (90%)

Yellow (89%)

Blue (78%)

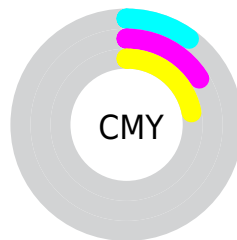


Cyan (0%)

Magenta (7%)

Yellow (14%)

Black (10%)



Cyan (10%)


Magenta (16%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.3237, 0.3353, 0.3455 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 68.3237, 0.3353, 0.3455 by changing the saturation by 10% instead.


 68.3237, 0.3353,
0.3455

 68.3237, 0.3353,
0.3455


454.6420, 0.3247,
0.3378

 50.1611, 0.3378,
0.3473


116.8151, 0.3316,
0.3428

 35.5414, 0.3408,
0.3494


147.9127, 0.3302,
0.3418

 24.0802, 0.3447,
0.3522


184.0908, 0.3289,
0.3409

 15.3932, 0.3499,
0.3558

225.7337, 0.3279,
0.3401

 9.0958, 0.3571,
0.3607

273.2259, 0.3269,
0.3395

 4.8037, 0.3676,
0.3678

326.9518, 0.3261,

 2.1326, 0.3846,

0.3389

0.3789

387.2957, 0.3254,
0.3383

0.6828, 0.4846,
0.4571

0.0000, 0.0000,
0.0000

68.3237, 0.3353,
0.3455

68.3237, 0.3353,
0.3455

61.6105, 0.3548,
0.3584

75.6372, 0.3182,
0.3332

55.4722, 0.3770,
0.3716

83.5576, 0.3034,
0.3216

49.8947, 0.4016,
0.3845

91.3253, 0.2969,
0.3225

44.8596, 0.4285,
0.3962

95.4021, 0.2970,
0.3290

■ 40.3476, 0.4568,
0.4057

■ 36.3376, 0.4851,
0.4116

■ 32.8067, 0.5117,
0.4128

■ 29.7285, 0.5348,
0.4085

■ 27.9611, 0.5477,
0.4033

Harmonies

Analogous

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



68.3237, 0.3363, 0.3367



68.3237, 0.3353, 0.3455



68.3237, 0.3281, 0.3501

Triad

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



68.3237, 0.3353, 0.3455



68.3237, 0.2948, 0.3315



68.3237, 0.3082, 0.3101

Complementary

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



68.3237, 0.3353, 0.3455



65.7764, 0.2916, 0.3119

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.



68.3237, 0.2973, 0.3085



68.3237, 0.3353, 0.3455



68.3237, 0.2897, 0.3206

Square

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



68.3237, 0.3353, 0.3455



68.3237, 0.3047, 0.3420



68.3237, 0.2906, 0.3122



68.3237, 0.3205, 0.3165

Rectangle

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



68.3237, 0.3353, 0.3455



68.3237, 0.3209, 0.3499



68.3237, 0.2906, 0.3122



68.3237, 0.3042, 0.3090

Sweetspot

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



68.3267, 0.3353, 0.3455



96.0435, 0.3190, 0.3338



61.9370, 0.3249, 0.3109



20.4010, 0.3202, 0.3347



0.0000, 0.0000, 0.0000



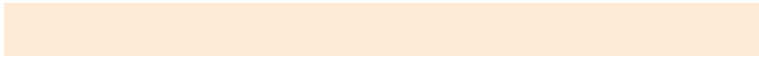
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.3267, 0.3353, 0.3455



84.9237, 0.3400, 0.3488



76.2215, 0.3331, 0.3614



15.5117, 0.3280, 0.3404



16.2218, 0.5452, 0.4053



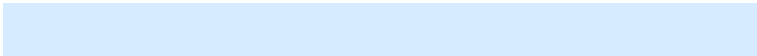
1.3840, 0.5220, 0.4237

Inverse Universe

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



65.7764, 0.2916, 0.3119



81.1250, 0.2875, 0.3084



58.5313, 0.2911, 0.2944



15.1129, 0.2981, 0.3174



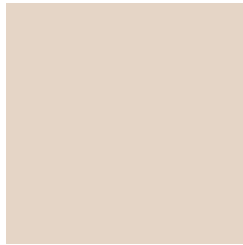
10.9300, 0.1788, 0.1638



0.9936, 0.1860, 0.1896

Previews

White Background



This preview shows how the Yxy color 68.3237, 0.3353, 0.3455 looks on a white background.

Color Contrast Check

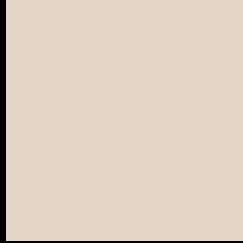
Large Text (above 18pt) WCAG AA × Fail

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 68.3237, 0.3353, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

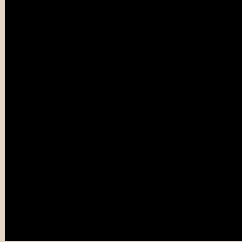
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

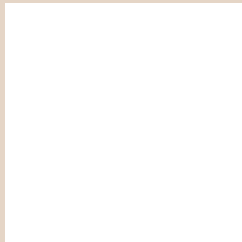
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.3237, 0.3353, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 68.3237, 0.3353, 0.3455.



This preview shows how white text looks on a background with the Yxy color 68.3237, 0.3353, 0.3455.

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

68.3237, 0.3353, 0.3455

Protanopia

68.4124, 0.3297, 0.3468

Deuteranopia

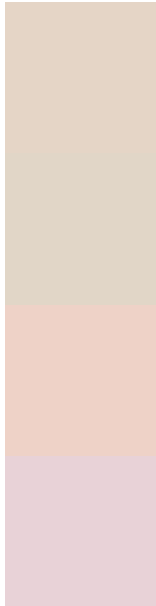
68.2900, 0.3463, 0.3387



Tritanopia

68.3608, 0.3195, 0.3120

Trichromacy



Original Color

68.3237, 0.3353, 0.3455

Protanomaly

68.2242, 0.3314, 0.3456

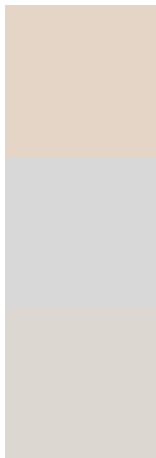
Deuteranomaly

68.3939, 0.3420, 0.3409

Tritanomaly

68.1553, 0.3257, 0.3237

Monochromacy



Original Color

68.3237, 0.3353, 0.3455

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.5765, 0.3212, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3237, 0.3353, 0.3455 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(229, 213, 198)` looks like.

```
.text, #text, p{  
    color:rgb(229, 213, 198)  
}
```

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(229, 213, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 213, 198) }
```

Border

The CSS property to change the border of an element to Yxy 68.3237, 0.3353, 0.3455 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(229, 213, 198) }
```

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

```
.border{ border-color:rgb(229, 213, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 213, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 213, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 213, 198);  
box-shadow:4px 4px 4px 4px rgb(229, 213,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3237, 0.3353, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 213, 198) }
```

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

```
.background{ background-color: rgb(229,  
213, 198) }
```

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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