

Converting Colors

$Yxy(67.3038, 0.3373, 0.3552)$

Have a look what the booklet for
Yxy(67.3038, 0.3373, 0.3552)
contains.

Yxy(67.1535, 0.3372, 0.3548)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.1535, 0.3372, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	E0D5BE
RGB	224, 213, 190
RGB Percent	88%, 84%, 75%
CMY	0.1216, 0.1647, 0.2550
CMYK	0.00, 0.05, 0.15, 0.12
HSL	41°, 35%, 81%
HSV	41°, 15%, 88%
XYZ	63.8223, 67.1535, 58.2956
YIQ	213.6670, 13.9390, -4.8210

Conversions

Conversions Part 2

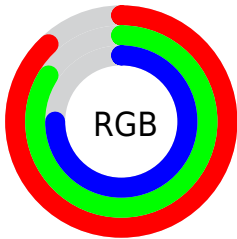
Format	Color
R _Y B	206, 224, 190
Decimal	14734782
CIE Lab	85.58, -0.01, 12.74
CIE LCh	86, 12.739, 90.052
Yxy	67.1535, 0.3372, 0.3548
Android (android.graphics.Color)	4292924862 (0xFFE0D5BE)
YUV	213.6670, -11.6678, 9.0620
Hunter-Lab	81.9472, -4.3879, 15.1854

Details

The Yxy color **67.1535, 0.3372, 0.3548** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0699, 0.2887, 0.3018**, and the grayscale version is **67.0816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **34.6949, 0.3433, 0.3598** is the 20% darker color. If you saturate the color by 10%, you get **62.6973, 0.3553, 0.3726**, and if you desaturate by 10%, it is **71.9280, 0.3207, 0.3376**.

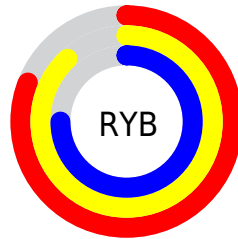
Distribution



Red (88%)

Green (84%)

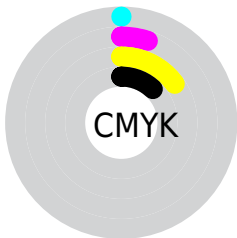
Blue (75%)



Red (81%)

Yellow (88%)

Blue (75%)

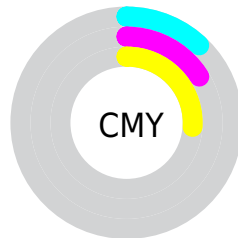


Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (12%)



Cyan (12%)


Magenta (16%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1535, 0.3372, 0.3548 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 67.1535, 0.3372, 0.3548 by changing the saturation by 10% instead.

 67.1535, 0.3372,
0.3548

 67.1535, 0.3372,
0.3548


450.4910, 0.3257,
0.3427

 49.2094, 0.3399,
0.3576


 115.1403, 0.3332,
0.3506

 34.7856, 0.3432,
0.3611


145.9518, 0.3316,
0.3489

 23.4978, 0.3474,
0.3655


181.8213, 0.3303,
0.3475

 14.9615, 0.3530,
0.3714

223.1330, 0.3291,
0.3463

 8.7924, 0.3606,
0.3795

270.2714, 0.3281,
0.3452

 4.6060, 0.3718,
0.3913

323.6210, 0.3272,

 2.0180, 0.3895,

0.3443

0.4099

383.5660, 0.3264,
0.3434

0.6179, 0.4872,
0.5128

0.0000, 0.0000,
0.0000

67.1535, 0.3372,
0.3548

67.1535, 0.3372,
0.3548

62.6973, 0.3553,
0.3726

71.9280, 0.3207,
0.3376

58.5417, 0.3748,
0.3905

77.0204, 0.3057,
0.3213

54.6800, 0.3952,
0.4077

82.3014, 0.2936,
0.3082

51.1020, 0.4161,
0.4234

86.5151, 0.2937,
0.3156

■ 47.7968, 0.4366,
0.4364

■ 90.8986, 0.2939,
0.3230

■ 44.7519, 0.4556,
0.4457

■ 94.5847, 0.2940,
0.3289

■ 41.9536, 0.4722,
0.4502

■ 39.3850, 0.4857,
0.4496

■ 38.2181, 0.4914,
0.4480

Harmonies

Analogous

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



67.1535, 0.3436, 0.3462



67.1535, 0.3372, 0.3548



67.1535, 0.3242, 0.3565

Triad

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



67.1535, 0.3372, 0.3548



67.1535, 0.2847, 0.3233



67.1535, 0.3165, 0.3090

Complementary

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



67.1535, 0.3372, 0.3548



58.0699, 0.2887, 0.3018

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.



67.1535, 0.3008, 0.3030



67.1535, 0.3372, 0.3548



67.1535, 0.2827, 0.3108

Square

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



67.1535, 0.3372, 0.3548



67.1535, 0.2940, 0.3380



67.1535, 0.2885, 0.3035



67.1535, 0.3315, 0.3201

Rectangle

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



67.1535, 0.3372, 0.3548



67.1535, 0.3137, 0.3532



67.1535, 0.2885, 0.3035



67.1535, 0.3111, 0.3064

Sweetspot

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



67.1565, 0.3372, 0.3548



96.6101, 0.3204, 0.3373



56.8905, 0.3320, 0.3162



20.5785, 0.3215, 0.3385



0.0000, 0.0000, 0.0000



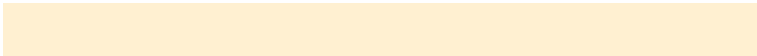
21.4041, 0.3127, 0.3290

Same Dimension

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



67.1565, 0.3372, 0.3548



88.3042, 0.3424, 0.3600



71.9729, 0.3312, 0.3670



15.2452, 0.3275, 0.3448



22.4661, 0.4900, 0.4491



1.7173, 0.4765, 0.4599

Inverse Universe

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



58.0699, 0.2887, 0.3018



74.0495, 0.2838, 0.2959



53.8826, 0.2925, 0.2890



13.9615, 0.2981, 0.3127



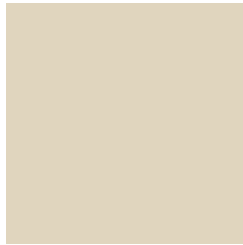
6.0340, 0.1627, 0.1058



0.5767, 0.1713, 0.1367

Previews

White Background



This preview shows how the Yxy color 67.1535, 0.3372, 0.3548 looks on a white background.

Color Contrast Check

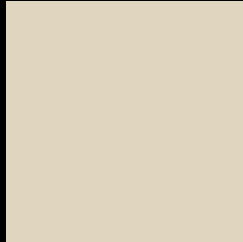
Large Text (above 18pt) WCAG AA × Fail

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 67.1535, 0.3372, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

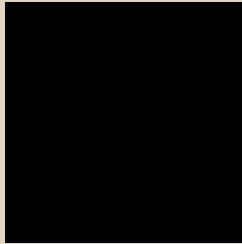
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

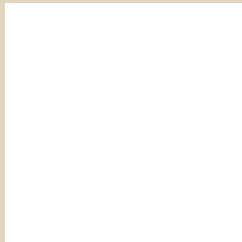
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.1535, 0.3372, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 67.1535, 0.3372, 0.3548.

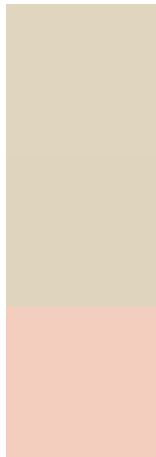


This preview shows how white text looks on a background with the Yxy color 67.1535, 0.3372, 0.3548.

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

67.1535, 0.3372, 0.3548

Protanopia

66.9942, 0.3364, 0.3548

Deuteranopia

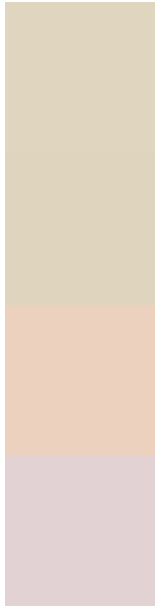
66.9589, 0.3528, 0.3451



Tritanopia

67.1516, 0.3173, 0.3118

Trichromacy



Original Color

67.1535, 0.3372, 0.3548

Protanomaly

66.9942, 0.3364, 0.3548

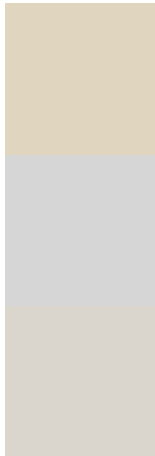
Deuteranomaly

67.1954, 0.3466, 0.3486

Tritanomaly

67.1775, 0.3241, 0.3269

Monochromacy



Original Color

67.1535, 0.3372, 0.3548

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.4063, 0.3219, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1535, 0.3372, 0.3548 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(224, 213, 190)` looks like.

```
.text, #text, p{  
    color:rgb(224, 213, 190)  
}
```

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(224, 213, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 213, 190) }
```

Border

The CSS property to change the border of an element to Yxy 67.1535, 0.3372, 0.3548 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(224, 213, 190) }
```

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

```
.border{ border-color:rgb(224, 213, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 213, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 213, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 213, 190);  
box-shadow:4px 4px 4px 4px rgb(224, 213,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1535, 0.3372, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 213, 190) }
```

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

```
.background{ background-color: rgb(224,  
213, 190) }
```

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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