

Converting Colors

$Yxy(63.4278, 0.3435, 0.3542)$

Have a look what the booklet for
Yxy(63.4278, 0.3435, 0.3542)
contains.

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Color

Yxy(63.4506, 0.3429, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	E0CEB8
RGB	224, 206, 184
RGB Percent	88%, 81%, 72%
CMY	0.1213, 0.1922, 0.2784
CMYK	0.00, 0.08, 0.18, 0.12
HSL	33°, 39%, 80%
HSV	33°, 18%, 88%
XYZ	61.4784, 63.4506, 54.3606
YIQ	208.8740, 17.7900, -3.0260

Conversions

Conversions Part 2

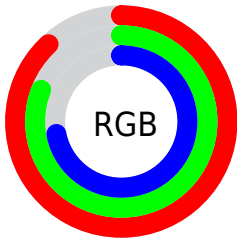
Format	Color
R _Y B	217, 224, 184
Decimal	14732984
CIE Lab	83.68, 2.76, 13.20
CIE LCh	84, 13.485, 78.181
Yxy	63.4506, 0.3429, 0.3539
Android (android.graphics.Color)	4292923064 (0xFFE0CEB8)
YUV	208.8740, -12.2629, 13.2655
Hunter-Lab	79.6559, -1.6315, 15.2971

Details

The Yxy color $63.4506, 0.3429, 0.3539$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.8604, 0.2845, 0.3028$, and the grayscale version is $63.7533, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.0713, 0.3214, 0.3434$, and $32.4200, 0.3498, 0.3604$ is the 20% darker color. If you saturate the color by 10%, you get $57.8734, 0.3628, 0.3686$, and if you desaturate by 10%, it is $69.4957, 0.3252, 0.3397$.

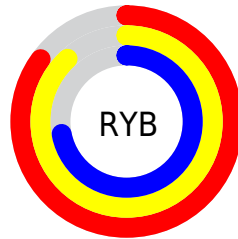
Distribution



Red (88%)

Green (81%)

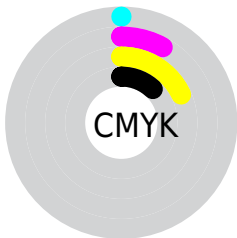
Blue (72%)



Red (85%)

Yellow (88%)

Blue (72%)

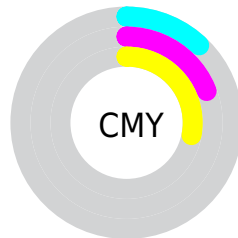


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (12%)



Cyan (12%)

Magenta (19%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4506, 0.3429, 0.3539 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 63.4506, 0.3429, 0.3539 by changing the saturation by 10% instead.


 63.4506, 0.3429,
0.3539

 63.4506, 0.3429,
0.3539


437.2030, 0.3285,
0.3422

 46.2058, 0.3463,
0.3566


 109.8193, 0.3378,
0.3498

 32.4083, 0.3505,
0.3600


139.7121, 0.3359,
0.3482

 21.6735, 0.3559,
0.3643


174.5896, 0.3342,
0.3469

 13.6172, 0.3631,
0.3700

214.8364, 0.3328,
0.3457

 7.8549, 0.3732,
0.3778

260.8367, 0.3315,
0.3446

 4.0023, 0.3881,
0.3892

312.9749, 0.3304,

 1.6748, 0.4141,

0.3437

0.4087

371.6356, 0.3294,
0.3429

0.4073, 0.5274,
0.4726

0.0000, 0.0000,
0.0000

63.4506, 0.3429,
0.3539

63.4506, 0.3429,
0.3539

57.8734, 0.3628,
0.3686

69.4957, 0.3252,
0.3397

52.7426, 0.3848,
0.3834

76.0124, 0.3096,
0.3262

48.0477, 0.4087,
0.3974

83.0151, 0.2958,
0.3137

43.7741, 0.4339,
0.4098

89.2559, 0.2939,
0.3203

■ 39.9063, 0.4595,
0.4194

■ 94.5971, 0.2941,
0.3289

■ 36.4272, 0.4840,
0.4249

■ 33.3178, 0.5060,
0.4252

■ 30.5539, 0.5244,
0.4202

■ 30.0044, 0.5281,
0.4189

Harmonies

Analogous

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



63.4506, 0.3463, 0.3424



63.4506, 0.3429, 0.3539



63.4506, 0.3313, 0.3590

Triad

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



63.4506, 0.3429, 0.3539



63.4506, 0.2856, 0.3291



63.4506, 0.3099, 0.3042

Complementary

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



63.4506, 0.3429, 0.3539



57.8604, 0.2845, 0.3028

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.



63.4506, 0.2939, 0.3003



63.4506, 0.3429, 0.3539



63.4506, 0.2802, 0.3141

Square

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



63.4506, 0.3429, 0.3539



63.4506, 0.2982, 0.3445



63.4506, 0.2832, 0.3038



63.4506, 0.3270, 0.3142

Rectangle

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



63.4506, 0.3429, 0.3539



63.4506, 0.3206, 0.3577



63.4506, 0.2832, 0.3038



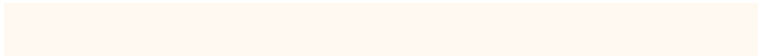
63.4506, 0.3042, 0.3021

Sweetspot

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



63.4534, 0.3429, 0.3539



95.5887, 0.3205, 0.3358



54.4411, 0.3317, 0.3079



20.3300, 0.3217, 0.3367



0.0000, 0.0000, 0.0000



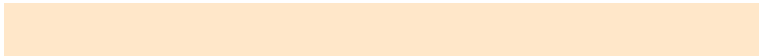
21.4041, 0.3127, 0.3290

Same Dimension

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



63.4534, 0.3429, 0.3539



82.5543, 0.3492, 0.3587



72.4500, 0.3385, 0.3735



14.9408, 0.3278, 0.3419



17.6871, 0.5260, 0.4205



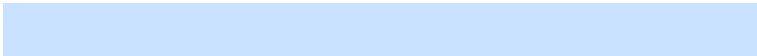
1.4042, 0.5051, 0.4371

Inverse Universe

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



57.8604, 0.2845, 0.3028



73.8869, 0.2791, 0.2974



50.0292, 0.2844, 0.2806



14.2571, 0.2981, 0.3158



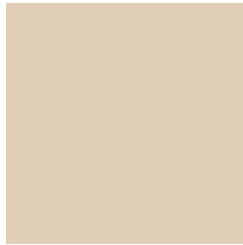
8.7853, 0.1729, 0.1426



0.7860, 0.1812, 0.1721

Previews

White Background



This preview shows how the Yxy color 63.4506, 0.3429, 0.3539 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 63.4506, 0.3429, 0.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

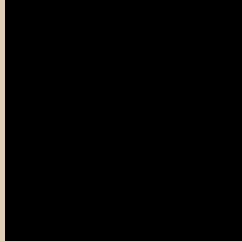
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

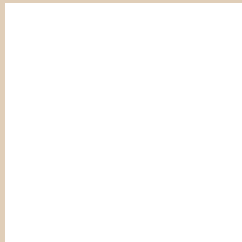
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4506, 0.3429, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 63.4506, 0.3429, 0.3539.

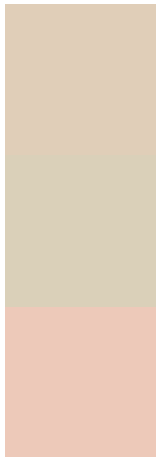


This preview shows how white text looks on a background with the Yxy color 63.4506, 0.3429, 0.3539.

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

63.4506, 0.3429, 0.3539

Protanopia

63.5200, 0.3370, 0.3554

Deuteranopia

63.2806, 0.3537, 0.3466



Tritanopia

63.2770, 0.3220, 0.3116

Trichromacy



Original Color

63.4506, 0.3429, 0.3539

Protanomaly

63.3441, 0.3387, 0.3542

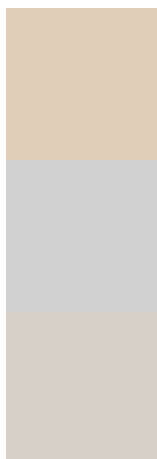
Deuteranomaly

63.3705, 0.3492, 0.3490

Tritanomaly

63.4505, 0.3299, 0.3268

Monochromacy



Original Color

63.4506, 0.3429, 0.3539

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.5780, 0.3229, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4506, 0.3429, 0.3539 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, 206, 184)` looks like.

```
.text, #text, p{  
    color:rgb(224, 206, 184)  
}
```

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, 206, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 206, 184) }
```

Border

The CSS property to change the border of an element to Yxy 63.4506, 0.3429, 0.3539 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, 206, 184) }
```

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

```
.border{ border-color:rgb(224, 206, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 206, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 206, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 206, 184); box-shadow:4px 4px 4px 4px rgb(224, 206, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4506, 0.3429, 0.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 206, 184) }
```

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

```
.background{ background-color: rgb(224,  
206, 184) }
```

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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