

Converting Colors

$Yxy(63.2192, 0.3488, 0.3537)$

Have a look what the booklet for
Yxy(63.2192, 0.3488, 0.3537)
contains.

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Color

Yxy(63.2211, 0.3488, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	E5CCB6
RGB	229, 204, 182
RGB Percent	90%, 80%, 71%
CMY	0.1020, 0.2000, 0.2862
CMYK	0.00, 0.11, 0.21, 0.10
HSL	28°, 47%, 81%
HSV	28°, 21%, 90%
XYZ	62.3453, 63.2211, 53.1758
YIQ	208.9670, 21.9620, -1.5420

Conversions

Conversions Part 2

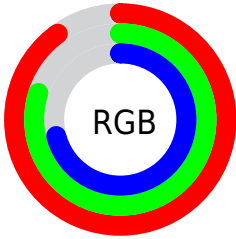
Format	Color
R _Y B	229, 223, 182
Decimal	15060150
CIE Lab	83.56, 5.30, 14.15
CIE LCh	84, 15.114, 69.457
Yxy	63.2211, 0.3488, 0.3537
Android (android.graphics.Color)	4293250230 (0xFFE5CCB6)
YUV	208.9670, -13.2947, 17.5689
Hunter-Lab	79.5117, 0.8167, 16.0063

Details

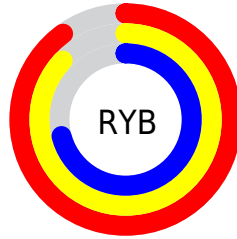
The Yxy color **63.2211, 0.3488, 0.3537** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.2161, 0.2804, 0.3030**, and the grayscale version is **63.8160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **32.2819, 0.3579, 0.3599** is the 20% darker color. If you saturate the color by 10%, you get **56.7911, 0.3703, 0.3665**, and if you desaturate by 10%, it is **70.2639, 0.3299, 0.3413**.

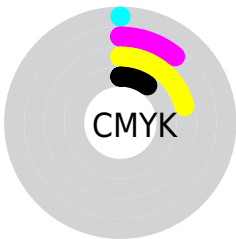
Distribution



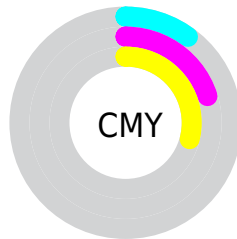
- Red (90%)
- Green (80%)
- Blue (71%)



- Red (90%)
- Yellow (87%)
- Blue (71%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (10%)





- Cyan (10%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2211, 0.3488, 0.3537 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 63.2211, 0.3488, 0.3537 by changing the saturation by 10% instead.


 63.2211, 0.3488,
0.3537

 63.2211, 0.3488,
0.3537


436.3715, 0.3316,
0.3422

 46.0201, 0.3529,
0.3564


 109.4884, 0.3427,
0.3497

 32.2617, 0.3579,
0.3596


139.3235, 0.3404,
0.3481

 21.5615, 0.3644,
0.3638


174.1388, 0.3384,
0.3468

 13.5350, 0.3731,
0.3692

214.3187, 0.3367,
0.3456

 7.7980, 0.3853,
0.3766

260.2474, 0.3352,
0.3446

 3.9660, 0.4032,
0.3870

312.3096, 0.3338,

 1.6545, 0.4360,

0.3437

0.4059

370.8895, 0.3327,
0.3429

■ 0.3940, 0.5612,
0.4388

■ 0.0000, 0.0000,
0.0000

■ 63.2211, 0.3488,
0.3537

■ 63.2211, 0.3488,
0.3537

■ 56.7911, 0.3703,
0.3665

■ 70.2639, 0.3299,
0.3413

■ 50.9474, 0.3946,
0.3791

■ 77.9277, 0.3135,
0.3296

■ 45.6742, 0.4213,
0.3910

■ 86.2317, 0.2993,
0.3187

■ 40.9514, 0.4498,
0.4009

■ 93.9349, 0.2969,
0.3267

■ 36.7576, 0.4790,
0.4077

■ 95.3949, 0.2970,
0.3290

■ 33.0694, 0.5071,
0.4101

■ 29.8605, 0.5321,
0.4072

■ 27.2258, 0.5521,
0.3998

Harmonies

Analogous

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



63.2211, 0.3496, 0.3394



63.2211, 0.3488, 0.3537



63.2211, 0.3380, 0.3619

Triad

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



63.2211, 0.3488, 0.3537



63.2211, 0.2857, 0.3343



63.2211, 0.3039, 0.2992

Complementary

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



63.2211, 0.3488, 0.3537



60.2161, 0.2804, 0.3030

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.



63.2211, 0.2874, 0.2972



63.2211, 0.3488, 0.3537



63.2211, 0.2772, 0.3168

Square

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



63.2211, 0.3488, 0.3537



63.2211, 0.3015, 0.3508



63.2211, 0.2778, 0.3033



63.2211, 0.3233, 0.3086

Rectangle

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



63.2211, 0.3488, 0.3537



63.2211, 0.3269, 0.3624



63.2211, 0.2778, 0.3033



63.2211, 0.2979, 0.2976

Sweetspot

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



63.2239, 0.3488, 0.3537



93.9738, 0.3223, 0.3360



54.6215, 0.3325, 0.3012



19.9777, 0.3234, 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.



63.2239, 0.3488, 0.3537



76.8055, 0.3584, 0.3596



75.1982, 0.3439, 0.3784



15.4756, 0.3281, 0.3400



15.8057, 0.5496, 0.4018



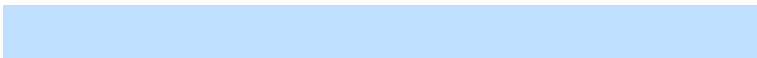
1.3526, 0.5257, 0.4208

Inverse Universe

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



60.2161, 0.2804, 0.3030



72.2531, 0.2729, 0.2963



49.7057, 0.2786, 0.2743



15.1493, 0.2981, 0.3177



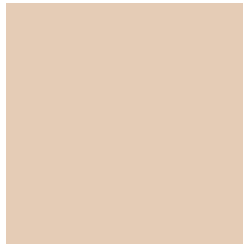
11.3977, 0.1802, 0.1688



1.0279, 0.1872, 0.1940

Previews

White Background



This preview shows how the Yxy color 63.2211, 0.3488, 0.3537 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 63.2211, 0.3488, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

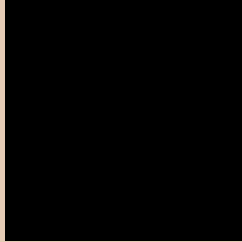
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.2211, 0.3488, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 63.2211, 0.3488, 0.3537.



This preview shows how white text looks on a background with the Yxy color 63.2211, 0.3488, 0.3537.

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

63.2211, 0.3488, 0.3537

Protanopia

63.4779, 0.3377, 0.3566

Deuteranopia

63.3693, 0.3561, 0.3488



Tritanopia

63.0768, 0.3276, 0.3117

Trichromacy



Original Color

63.2211, 0.3488, 0.3537

Protanomaly

63.5741, 0.3418, 0.3563

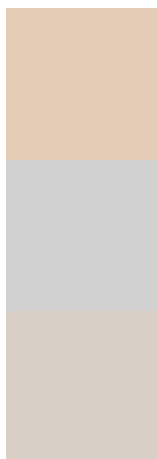
Deuteranomaly

63.3221, 0.3534, 0.3500

Tritanomaly

63.2409, 0.3357, 0.3269

Monochromacy



Original Color

63.2211, 0.3488, 0.3537

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.3481, 0.3253, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2211, 0.3488, 0.3537 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, 204, 182)` looks like.

```
.text, #text, p{  
    color:rgb(229, 204, 182)  
}
```

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, 204, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 204, 182) }
```

Border

The CSS property to change the border of an element to Yxy 63.2211, 0.3488, 0.3537 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, 204, 182) }
```

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

```
.border{ border-color:rgb(229, 204, 182) }
```

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

Here you see how a box with a 4 pixel rgb(229, 204, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 204, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 204, 182);  
box-shadow:4px 4px 4px 4px rgb(229, 204,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2211, 0.3488, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 204, 182) }
```

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

```
.background{ background-color: rgb(229,  
204, 182) }
```

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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