

Converting Colors

$Yxy(60.3488, 0.3599, 0.3540)$

Have a look what the booklet for
Yxy(60.3488, 0.3599, 0.3540)
contains.

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Color

Yxy(60.3513, 0.3593, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	E9C5AF
RGB	233, 197, 175
RGB Percent	91%, 77%, 69%
CMY	0.0863, 0.2274, 0.3138
CMYK	0.00, 0.15, 0.25, 0.09
HSL	23°, 57%, 80%
HSV	23°, 25%, 91%
XYZ	61.3068, 60.3513, 48.9704
YIQ	205.2560, 28.5180, 0.7900

Conversions

Conversions Part 2

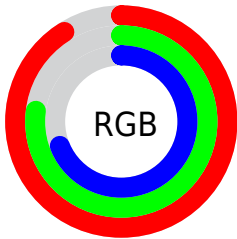
Format	Color
R _Y B	233, 210, 175
Decimal	15320495
CIE Lab	82.03, 9.47, 15.78
CIE LCh	82, 18.406, 59.028
Yxy	60.3513, 0.3593, 0.3537
Android (android.graphics.Color)	4293510575 (0xFFE9C5AF)
YUV	205.2560, -14.9162, 24.3315
Hunter-Lab	77.6861, 4.9145, 17.0061

Details

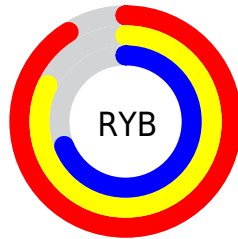
The Yxy color **60.3513, 0.3593, 0.3537** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.5753, 0.2739, 0.3029**, and the grayscale version is **61.3060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9131, 0.3269, 0.3513**, and **30.4221, 0.3714, 0.3583** is the 20% darker color. If you saturate the color by 10%, you get **53.2623, 0.3835, 0.3642**, and if you desaturate by 10%, it is **68.2333, 0.3384, 0.3434**.

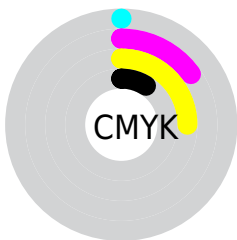
Distribution



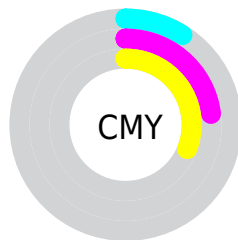
- Red (91%)
- Green (77%)
- Blue (69%)



- Red (91%)
- Yellow (82%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (25%)
- Black (9%)





- Cyan (9%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3513, 0.3593, 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 60.3513, 0.3593, 0.3537 by changing the saturation by 10% instead.


 60.3513, 0.3593,
0.3537

 60.3513, 0.3593,
0.3537


425.8914, 0.3369,
0.3423

 43.7019, 0.3646,
0.3563


 105.3391, 0.3513,
0.3497

 30.4362, 0.3713,
0.3595


134.4463, 0.3483,
0.3482

 20.1699, 0.3800,
0.3635


168.4748, 0.3457,
0.3469

 12.5186, 0.3916,
0.3686

207.8090, 0.3434,
0.3457

 7.0979, 0.4080,
0.3753

252.8334, 0.3415,
0.3447

 3.5234, 0.4324,
0.3844

303.9324, 0.3398,

 1.4107, 0.4890,

0.3438

0.4102

361.4902, 0.3382,
0.3430

0.2246, 0.6644,
0.3356

0.0000, 0.0000,
0.0000

60.3513, 0.3593,
0.3537

60.3513, 0.3593,
0.3537

53.2623, 0.3835,
0.3642

68.2333, 0.3384,
0.3434

46.9325, 0.4111,
0.3743

76.9247, 0.3205,
0.3336

41.3372, 0.4419,
0.3833

86.4513, 0.3052,
0.3244

36.4474, 0.4748,
0.3900

95.9567, 0.2993,
0.3288

■ 32.2317, 0.5083,
0.3930

■ 96.0631, 0.2993,
0.3290

■ 28.6559, 0.5396,
0.3913

■ 25.6812, 0.5662,
0.3843

■ 24.3740, 0.5779,
0.3794

Harmonies

Analogous

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



60.3513, 0.3558, 0.3346



60.3513, 0.3593, 0.3537



60.3513, 0.3498, 0.3672

Triad

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



60.3513, 0.3593, 0.3537



60.3513, 0.2853, 0.3431



60.3513, 0.2940, 0.2905

Complementary

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



60.3513, 0.3593, 0.3537



61.5753, 0.2739, 0.3029

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.



60.3513, 0.2762, 0.2913



60.3513, 0.3593, 0.3537



60.3513, 0.2714, 0.3209

Square

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



60.3513, 0.3593, 0.3537



60.3513, 0.3068, 0.3618



60.3513, 0.2682, 0.3020



60.3513, 0.3173, 0.2991

Rectangle

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



60.3513, 0.3593, 0.3537



60.3513, 0.3377, 0.3708



60.3513, 0.2682, 0.3020



60.3513, 0.2872, 0.2896

Sweetspot

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



60.3541, 0.3593, 0.3537



92.0394, 0.3241, 0.3356



52.7198, 0.3329, 0.2887



19.5584, 0.3251, 0.3362



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.



60.3541, 0.3593, 0.3537



69.3801, 0.3716, 0.3592



74.4107, 0.3521, 0.3834



15.9910, 0.3283, 0.3380



14.0514, 0.5751, 0.3816



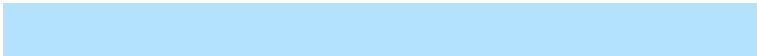
1.2837, 0.5492, 0.4021

Inverse Universe

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



61.5753, 0.2739, 0.3029



71.1176, 0.2657, 0.2966



48.7502, 0.2708, 0.2680



16.1057, 0.2981, 0.3198



15.0001, 0.1889, 0.1998



1.3624, 0.1944, 0.2197

Previews

White Background



This preview shows how the Yxy color 60.3513, 0.3593, 0.3537 looks on a white background.

Color Contrast Check

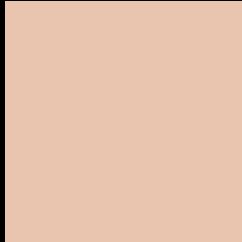
Large Text (above 18pt) WCAG AA × Fail

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 60.3513, 0.3593, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

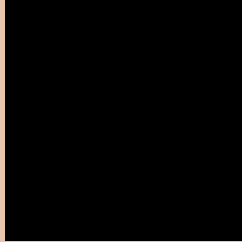
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3513, 0.3593, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 60.3513, 0.3593, 0.3537.



This preview shows how white text looks on a background with the Yxy color 60.3513, 0.3593, 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

60.3513, 0.3593, 0.3537

Protanopia

60.6962, 0.3397, 0.3594

Deuteranopia

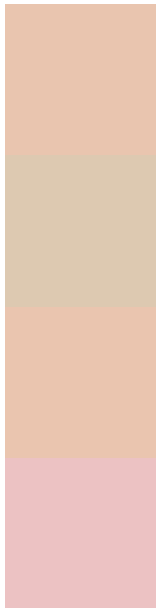
60.5201, 0.3601, 0.3536



Tritanopia

60.2088, 0.3379, 0.3128

Trichromacy



Original Color

60.3513, 0.3593, 0.3537

Protanomaly

60.3198, 0.3468, 0.3567

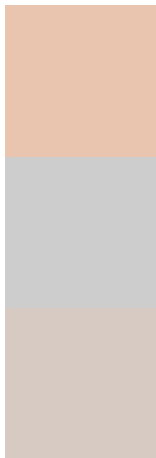
Deuteranomaly

60.5201, 0.3601, 0.3536

Tritanomaly

60.3566, 0.3464, 0.3280

Monochromacy



Original Color

60.3513, 0.3593, 0.3537

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.5832, 0.3288, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3513, 0.3593, 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(233, 197, 175)` looks like.

```
.text, #text, p{  
    color:rgb(233, 197, 175)  
}
```

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(233, 197, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 197, 175) }
```

Border

The CSS property to change the border of an element to Yxy 60.3513, 0.3593, 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(233, 197, 175) }
```

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

```
.border{ border-color:rgb(233, 197, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 197, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 197, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 197, 175);  
box-shadow:4px 4px 4px 4px rgb(233, 197,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3513, 0.3593, 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(233, 197, 175) }
```

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

```
.background{ background-color: rgb(233,  
197, 175) }
```

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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