

Converting Colors

$Y_{xy}(60.5460, 0.3638, 0.3750)$

Have a look what the booklet for
Yxy(60.5460, 0.3638, 0.3750)
contains.

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Color

Yxy(60.5152, 0.3634, 0.3747)

Conversions

Conversions Part 1

Format	Color
Hex	E2C9A1
RGB	226, 201, 161
RGB Percent	89%, 79%, 63%
CMY	0.1136, 0.2118, 0.3687
CMYK	0.00, 0.11, 0.29, 0.11
HSL	37°, 53%, 76%
HSV	37°, 29%, 89%
XYZ	58.6902, 60.5152, 42.2977
YIQ	203.9150, 27.7400, -7.1400

Conversions

Conversions Part 2

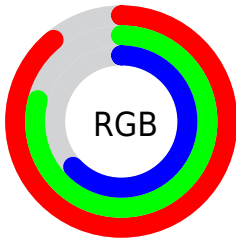
Format	Color
R_{YB}	202, 226, 161
Decimal	14862753
CIE _{Lab}	82.12, 2.85, 23.24
CIE _{LCh}	82, 23.411, 82.998
Y _{xy}	60.5152, 0.3634, 0.3747
Android (android.graphics.Color)	4293052833 (0xFFE2C9A1)
YUV	203.9150, -21.1571, 19.3685
Hunter-Lab	77.7915, -1.4649, 22.2163

Details

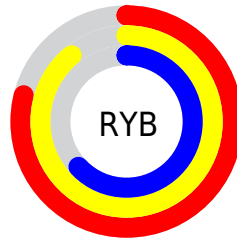
The Yxy color **60.5152, 0.3634, 0.3747** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.1958, 0.2658, 0.2785**, and the grayscale version is **60.4530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **30.5176, 0.3765, 0.3859** is the 20% darker color. If you saturate the color by 10%, you get **55.8492, 0.3844, 0.3910**, and if you desaturate by 10%, it is **65.5607, 0.3441, 0.3583**.

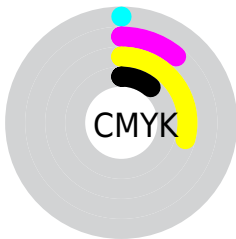
Distribution



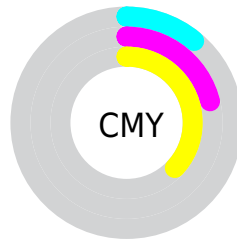
- Red (89%)
- Green (79%)
- Blue (63%)



- Red (79%)
- Yellow (89%)
- Blue (63%)



- Cyan (0%)
- Magenta (11%)
- Yellow (29%)
- Black (11%)





- Cyan (11%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5152, 0.3634, 0.3747 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 60.5152, 0.3634, 0.3747 by changing the saturation by 10% instead.


 60.5152, 0.3634,
0.3747


 60.5152, 0.3634,
0.3747


426.4942, 0.3392,
0.3531

 43.8340, 0.3691,
0.3797


 105.5767, 0.3549,
0.3672

 30.5401, 0.3761,
0.3858


 134.7258, 0.3516,
0.3642

 20.2489, 0.3852,
0.3936


168.7996, 0.3488,
0.3617

 12.5761, 0.3970,
0.4038

208.1826, 0.3464,
0.3596

 7.1373, 0.4132,
0.4173

253.2592, 0.3442,
0.3577

 3.5481, 0.4361,
0.4357

304.4137, 0.3424,

 1.4241, 0.5048,

0.3560

0.4952

362.0306, 0.3407,
0.3545

0.2344, 0.5551,
0.4449

0.0000, 0.0000,
0.0000

60.5152, 0.3634,
0.3747

60.5152, 0.3634,
0.3747

55.8492, 0.3844,
0.3910

65.5607, 0.3441,
0.3583

51.5428, 0.4067,
0.4065

70.9882, 0.3266,
0.3424

47.5864, 0.4297,
0.4201

76.8108, 0.3109,
0.3272

43.9666, 0.4523,
0.4307

83.0382, 0.2970,
0.3130

■ 40.6686, 0.4734,
0.4371

■ 88.3951, 0.2950,
0.3183

■ 37.6755, 0.4919,
0.4384

■ 93.7694, 0.2952,
0.3271

■ 34.9636, 0.5071,
0.4347

■ 94.9142, 0.2952,
0.3289

■ 34.6481, 0.5089,
0.4341

Harmonies

Analogous

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



60.5152, 0.3725, 0.3553



60.5152, 0.3634, 0.3747



60.5152, 0.3406, 0.3826

Triad

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



60.5152, 0.3634, 0.3747



60.5152, 0.2631, 0.3239



60.5152, 0.3122, 0.2885

Complementary

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



60.5152, 0.3634, 0.3747



48.1958, 0.2658, 0.2785

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.



60.5152, 0.2836, 0.2798



60.5152, 0.3634, 0.3747



60.5152, 0.2563, 0.2985

Square

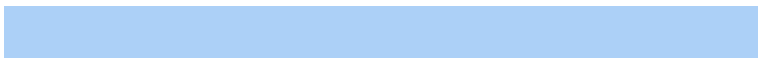
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.5152, 0.3634, 0.3747



60.5152, 0.2828, 0.3525



60.5152, 0.2636, 0.2830



60.5152, 0.3422, 0.3067

Rectangle

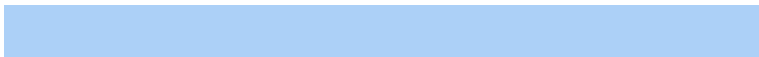
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.5152, 0.3634, 0.3747



60.5152, 0.3211, 0.3792



60.5152, 0.2636, 0.2830



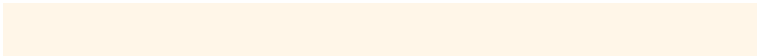
60.5152, 0.3021, 0.2844

Sweetspot

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



60.5180, 0.3634, 0.3747



93.1017, 0.3270, 0.3428



45.2466, 0.3509, 0.2991



19.6975, 0.3295, 0.3451



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.



60.5180, 0.3634, 0.3747



75.5304, 0.3768, 0.3853



72.1258, 0.3511, 0.4019



15.0972, 0.3277, 0.3434



19.9968, 0.5071, 0.4356



1.5579, 0.4900, 0.4491

Inverse Universe

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



48.1958, 0.2658, 0.2785



56.6565, 0.2545, 0.2651



39.2462, 0.2673, 0.2467



14.1040, 0.2981, 0.3142



7.2337, 0.1674, 0.1225



0.6711, 0.1760, 0.1534

Previews

White Background



This preview shows how the Yxy color 60.5152, 0.3634, 0.3747 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 60.5152, 0.3634, 0.3747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

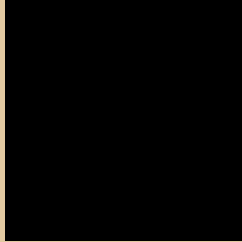
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5152, 0.3634, 0.3747

Background



This preview shows how black text looks on a background with the Yxy color 60.5152, 0.3634, 0.3747.



This preview shows how white text looks on a background with the Yxy color 60.5152, 0.3634, 0.3747.

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

60.5152, 0.3634, 0.3747

Protanopia

60.5461, 0.3542, 0.3780

Deuteranopia

60.2656, 0.3743, 0.3667



Tritanopia

60.3428, 0.3320, 0.3126

Trichromacy



Original Color

60.5152, 0.3634, 0.3747

Protanomaly

60.5362, 0.3570, 0.3765

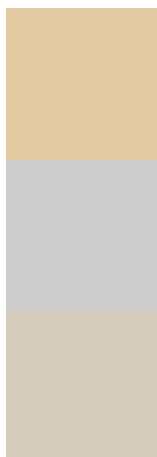
Deuteranomaly

60.4892, 0.3703, 0.3693

Tritanomaly

60.5613, 0.3432, 0.3347

Monochromacy



Original Color

60.5152, 0.3634, 0.3747

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3398, 0.3307, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5152, 0.3634, 0.3747 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(226, 201, 161)` looks like.

```
.text, #text, p{  
    color:rgb(226, 201, 161)  
}
```

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(226, 201, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 201, 161) }
```

Border

The CSS property to change the border of an element to Yxy 60.5152, 0.3634, 0.3747 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(226, 201, 161) }
```

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

```
.border{ border-color:rgb(226, 201, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 201, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 201, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 201, 161);  
box-shadow:4px 4px 4px 4px rgb(226, 201,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5152, 0.3634, 0.3747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 201, 161) }
```

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

```
.background{ background-color: rgb(226,  
201, 161) }
```

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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