

Converting Colors

$Yxy(59.6361, 0.3738, 0.3657)$

Have a look what the booklet for
Yxy(59.6361, 0.3738, 0.3657)
contains.

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Color

Yxy(59.6434, 0.3738, 0.3657)

Conversions

Conversions Part 1

Format	Color
Hex	EDC3A2
RGB	237, 195, 162
RGB Percent	93%, 76%, 64%
CMY	0.0706, 0.2353, 0.3647
CMYK	0.00, 0.18, 0.32, 0.07
HSL	26°, 68%, 78%
HSV	26°, 32%, 93%
XYZ	60.9645, 59.6434, 42.4859
YIQ	203.7960, 35.6250, -1.3590

Conversions

Conversions Part 2

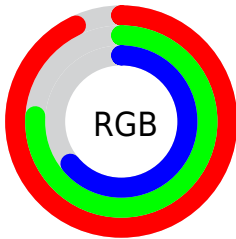
Format	Color
R_{YB}	237, 221, 162
Decimal	15582114
CIE Lab	81.64, 10.32, 22.20
CIE LCh	82, 24.487, 65.062
Yxy	59.6434, 0.3738, 0.3657
Android (android.graphics.Color)	4293772194 (0xFFEDC3A2)
YUV	203.7960, -20.6054, 29.1199
Hunter-Lab	77.2291, 5.7564, 21.4433

Details

The Yxy color **59.6434, 0.3738, 0.3657** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.9914, 0.2626, 0.2890**, and the grayscale version is **60.3661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8906, 0.3356, 0.3633**, and **29.8788, 0.3899, 0.3739** is the 20% darker color. If you saturate the color by 10%, you get **53.1942, 0.3990, 0.3776**, and if you desaturate by 10%, it is **66.7859, 0.3515, 0.3536**.

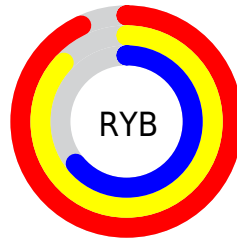
Distribution



Red (93%)

Green (76%)

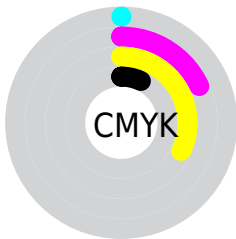
Blue (64%)



Red (93%)

Yellow (87%)

Blue (64%)

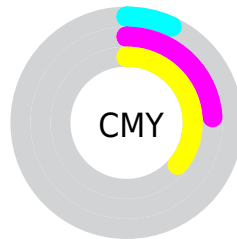


Cyan (0%)

Magenta (18%)

Yellow (32%)

Black (7%)



Cyan (7%)


Magenta (24%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6434, 0.3738, 0.3657 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 59.6434, 0.3738, 0.3657 by changing the saturation by 10% instead.


 59.6434, 0.3738,
0.3657

 59.6434, 0.3738,
0.3657


423.2821, 0.3444,
0.3488

 43.1313, 0.3808,
0.3695


 104.3122, 0.3634,
0.3599

 29.9881, 0.3895,
0.3741


 133.2377, 0.3594,
0.3576

 19.8296, 0.4007,
0.3798


167.0697, 0.3560,
0.3556

 12.2712, 0.4156,
0.3870

206.1927, 0.3530,
0.3539

 6.9287, 0.4362,
0.3962

250.9910, 0.3505,
0.3524

 3.4175, 0.4661,
0.4075

301.8491, 0.3482,

 1.3534, 0.5495,

0.3511

359.1513, 0.3462,
0.3499

0.4505

0.1820, 0.7002,
0.2998

0.0000, 0.0000,
0.0000

59.6434, 0.3738,
0.3657

59.6434, 0.3738,
0.3657

53.1942, 0.3990,
0.3776

66.7859, 0.3515,
0.3536

47.4074, 0.4269,
0.3886

74.6347, 0.3321,
0.3419

42.2615, 0.4569,
0.3976

83.2132, 0.3152,
0.3308

37.7307, 0.4875,
0.4033

92.4234, 0.3018,
0.3222

■ 33.7867, 0.5168,
0.4044

■ 96.7460, 0.3017,
0.3290

■ 30.3979, 0.5426,
0.4001

■ 27.9589, 0.5608,
0.3929

Harmonies

Analogous

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



59.6434, 0.3729, 0.3412



59.6434, 0.3738, 0.3657



59.6434, 0.3577, 0.3822

Triad

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



59.6434, 0.3738, 0.3657



59.6434, 0.2716, 0.3418



59.6434, 0.2934, 0.2797

Complementary

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



59.6434, 0.3738, 0.3657



56.9914, 0.2626, 0.2890

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.



59.6434, 0.2682, 0.2778



59.6434, 0.3738, 0.3657



59.6434, 0.2561, 0.3119

Square

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



59.6434, 0.3738, 0.3657



59.6434, 0.2983, 0.3692



59.6434, 0.2549, 0.2889



59.6434, 0.3251, 0.2932

Rectangle

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



59.6434, 0.3738, 0.3657



59.6434, 0.3399, 0.3854



59.6434, 0.2549, 0.2889



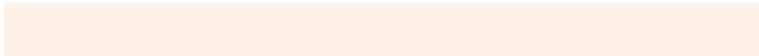
59.6434, 0.2840, 0.2777

Sweetspot

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



59.6462, 0.3738, 0.3657



90.6800, 0.3274, 0.3389



48.2346, 0.3445, 0.2826



19.1011, 0.3300, 0.3406



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.



59.6462, 0.3738, 0.3657



65.3777, 0.3899, 0.3735



78.3330, 0.3620, 0.4033



16.1444, 0.3282, 0.3394



15.5150, 0.5580, 0.3951



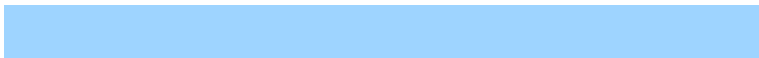
1.4070, 0.5341, 0.4141

Inverse Universe

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



56.9914, 0.2626, 0.2890



61.7734, 0.2523, 0.2793



41.4388, 0.2570, 0.2420



15.9486, 0.2981, 0.3184



12.7248, 0.1829, 0.1785



1.1904, 0.1892, 0.2012

Previews

White Background



This preview shows how the Yxy color 59.6434, 0.3738, 0.3657 looks on a white background.

Color Contrast Check

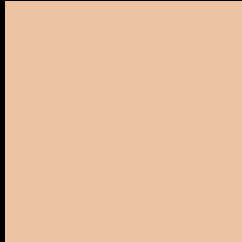
Large Text (above 18pt) WCAG AA × Fail

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 59.6434, 0.3738, 0.3657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

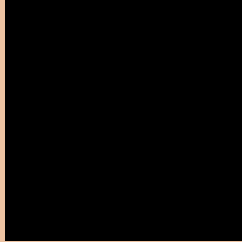
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6434, 0.3738, 0.3657

Background



This preview shows how black text looks on a background with the Yxy color 59.6434, 0.3738, 0.3657.



This preview shows how white text looks on a background with the Yxy color 59.6434, 0.3738, 0.3657.

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

59.6434, 0.3738, 0.3657

Protanopia

59.9121, 0.3498, 0.3725

Deuteranopia

59.6434, 0.3738, 0.3657



Tritanopia

59.6321, 0.3449, 0.3130

Trichromacy



Original Color

59.6434, 0.3738, 0.3657

Protanomaly

59.7131, 0.3580, 0.3694

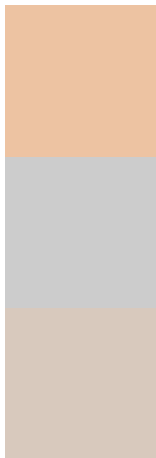
Deuteranomaly

59.6434, 0.3738, 0.3657

Tritanomaly

59.4610, 0.3552, 0.3313

Monochromacy



Original Color

59.6434, 0.3738, 0.3657

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.0463, 0.3335, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6434, 0.3738, 0.3657 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(237, 195, 162)` looks like.

```
.text, #text, p{  
    color:rgb(237, 195, 162)  
}
```

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(237, 195, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 195, 162) }
```

Border

The CSS property to change the border of an element to Yxy 59.6434, 0.3738, 0.3657 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(237, 195, 162) }
```

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

```
.border{ border-color:rgb(237, 195, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 195, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 195, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 195, 162); box-shadow:4px 4px 4px 4px rgb(237, 195, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6434, 0.3738, 0.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 195, 162) }
```

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

```
.background{ background-color: rgb(237,  
195, 162) }
```

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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