

Converting Colors

$Yxy(60.3030, 0.3657, 0.3518)$

Have a look what the booklet for
Yxy(60.3030, 0.3657, 0.3518)
contains.

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Color

Yxy(60.4369, 0.3657, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	EFC3AE
RGB	239, 195, 174
RGB Percent	94%, 76%, 68%
CMY	0.0627, 0.2353, 0.3176
CMYK	0.00, 0.18, 0.27, 0.06
HSL	19°, 67%, 81%
HSV	19°, 27%, 94%
XYZ	62.7535, 60.4369, 48.4079
YIQ	205.7620, 32.9650, 2.7970

Conversions

Conversions Part 2

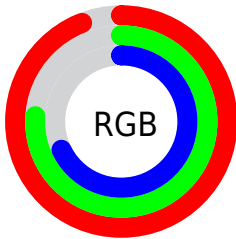
Format	Color
R _Y B	239, 205, 174
Decimal	15713198
CIE Lab	82.08, 12.64, 16.45
CIE LCh	82, 20.748, 52.454
Yxy	60.4369, 0.3657, 0.3522
Android (android.graphics.Color)	4293903278 (0xFFEFC3AE)
YUV	205.7620, -15.6587, 29.1497
Hunter-Lab	77.7412, 8.0400, 17.5001

Details

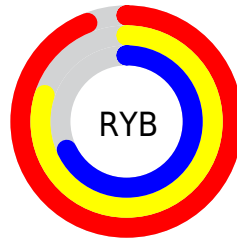
The Yxy color **60.4369, 0.3657, 0.3522** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.3818, 0.2707, 0.3045**, and the grayscale version is **61.6498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5940, 0.3277, 0.3504**, and **30.4000, 0.3790, 0.3564** is the 20% darker color. If you saturate the color by 10%, you get **52.7261, 0.3918, 0.3612**, and if you desaturate by 10%, it is **69.1049, 0.3434, 0.3433**.

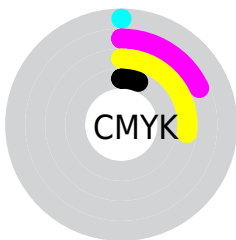
Distribution



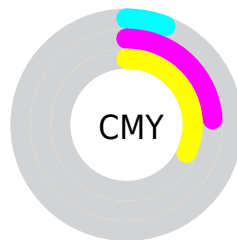
- Red (94%)
- Green (76%)
- Blue (68%)



- Red (94%)
- Yellow (80%)
- Blue (68%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (6%)





- Cyan (6%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4369, 0.3657, 0.3522 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 60.4369, 0.3657, 0.3522 by changing the saturation by 10% instead.


 60.4369, 0.3657,
0.3522

 60.4369, 0.3657,
0.3522


426.2063, 0.3402,
0.3416

 43.7709, 0.3718,
0.3545


 105.4632, 0.3566,
0.3486

 30.4904, 0.3794,
0.3574


134.5922, 0.3532,
0.3472

 20.2111, 0.3893,
0.3609


168.6444, 0.3502,
0.3459

 12.5486, 0.4025,
0.3653

208.0042, 0.3476,
0.3449

 7.1185, 0.4211,
0.3709

253.0558, 0.3454,
0.3439

 3.5363, 0.4488,
0.3780

304.1838, 0.3435,

 1.4177, 0.5131,

0.3431

0.4006

361.7725, 0.3417,
0.3423

0.2297, 0.6964,
0.3036

0.0000, 0.0000,
0.0000

60.4369, 0.3657,
0.3522

60.4369, 0.3657,
0.3522

52.7261, 0.3918,
0.3612

69.1049, 0.3434,
0.3433

45.9305, 0.4218,
0.3696

78.7537, 0.3245,
0.3348

40.0170, 0.4554,
0.3768

89.4165, 0.3085,
0.3268

34.9471, 0.4913,
0.3815

97.0915, 0.3029,
0.3290

■ 30.6795, 0.5273,
0.3824

■ 27.1683, 0.5602,
0.3786

■ 24.3611, 0.5867,
0.3699

■ 23.6864, 0.5932,
0.3672

Harmonies

Analogous

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



60.4369, 0.3585, 0.3302



60.4369, 0.3657, 0.3522



60.4369, 0.3580, 0.3694

Triad

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



60.4369, 0.3657, 0.3522



60.4369, 0.2866, 0.3502



60.4369, 0.2865, 0.2851

Complementary

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



60.4369, 0.3657, 0.3522



65.3818, 0.2707, 0.3045

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.



60.4369, 0.2688, 0.2883



60.4369, 0.3657, 0.3522



60.4369, 0.2688, 0.3251

Square

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



60.4369, 0.3657, 0.3522



60.4369, 0.3118, 0.3695



60.4369, 0.2624, 0.3025



60.4369, 0.3119, 0.2926

Rectangle

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



60.4369, 0.3657, 0.3522



60.4369, 0.3457, 0.3755



60.4369, 0.2624, 0.3025



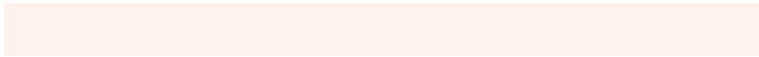
60.4369, 0.2795, 0.2849

Sweetspot

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



60.4397, 0.3657, 0.3522



90.2575, 0.3259, 0.3355



53.7124, 0.3325, 0.2815



18.9448, 0.3286, 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.



60.4397, 0.3657, 0.3522



64.5960, 0.3807, 0.3575



76.3948, 0.3569, 0.3855



16.5923, 0.3285, 0.3367



13.2998, 0.5903, 0.3695



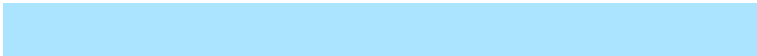
1.2801, 0.5647, 0.3898

Inverse Universe

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



65.3818, 0.2707, 0.3045



71.2495, 0.2617, 0.2983



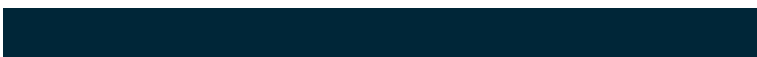
50.3195, 0.2668, 0.2654



17.0181, 0.2981, 0.3212



17.9347, 0.1944, 0.2199



1.6715, 0.1989, 0.2360

Previews

White Background



This preview shows how the Yxy color 60.4369, 0.3657, 0.3522 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 60.4369, 0.3657, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

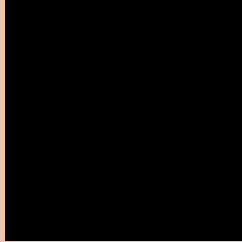
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4369, 0.3657, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 60.4369, 0.3657, 0.3522.



This preview shows how white text looks on a background with the Yxy color 60.4369, 0.3657, 0.3522.

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

60.4369, 0.3657, 0.3522

Protanopia

60.6962, 0.3397, 0.3594

Deuteranopia

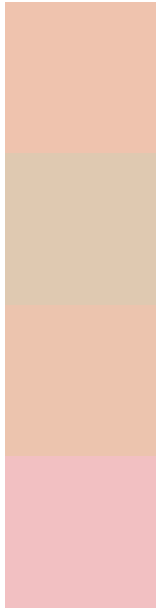
60.6507, 0.3618, 0.3547



Tritanopia

60.2894, 0.3448, 0.3131

Trichromacy



Original Color

60.4369, 0.3657, 0.3522

Protanomaly

60.6356, 0.3484, 0.3565

Deuteranomaly

60.3687, 0.3629, 0.3535

Tritanomaly

60.4716, 0.3526, 0.3270

Monochromacy



Original Color

60.4369, 0.3657, 0.3522

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0415, 0.3312, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4369, 0.3657, 0.3522 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(239, 195, 174)` looks like.

```
.text, #text, p{  
    color:rgb(239, 195, 174)  
}
```

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(239, 195, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 195, 174) }
```

Border

The CSS property to change the border of an element to Yxy 60.4369, 0.3657, 0.3522 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(239, 195, 174) }
```

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

```
.border{ border-color:rgb(239, 195, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 195, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 195, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 195, 174); box-shadow:4px 4px 4px 4px rgb(239, 195, 174) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4369, 0.3657, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 195, 174) }
```

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

```
.background{ background-color: rgb(239,  
195, 174) }
```

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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