

Converting Colors

$Y_{xy}(48.0378, 0.3962, 0.3637)$

Have a look what the booklet for
Yxy(48.0378, 0.3962, 0.3637)
contains.

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Color

Yxy(48.0378, 0.3962, 0.3637)

Conversions

Conversions Part 1

Format	Color
Hex	E7AB8D
RGB	231, 171, 141
RGB Percent	91%, 67%, 55%
CMY	0.0940, 0.3294, 0.4471
CMYK	0.00, 0.26, 0.39, 0.09
HSL	20°, 65%, 73%
HSV	20°, 39%, 91%
XYZ	52.3304, 48.0378, 31.7126
YIQ	185.5200, 45.3900, 3.3900

Conversions

Conversions Part 2

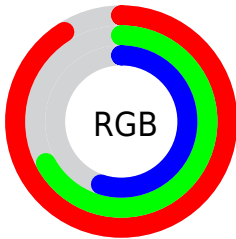
Format	Color
R_{YB}	231, 186, 141
Decimal	15182733
CIE _{Lab}	74.85, 18.21, 24.06
CIE _{LCh}	75, 30.179, 52.878
Yxy	48.0378, 0.3962, 0.3637
Android (android.graphics.Color)	4293372813 (0xFFE7AB8D)
YUV	185.5200, -21.9484, 39.8860
Hunter-Lab	69.3093, 13.4811, 21.3883

Details

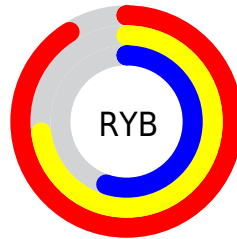
The Yxy color **48.0378, 0.3962, 0.3637** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **53.2174, 0.2531, 0.2909**, and the grayscale version is **48.9281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5928, 0.3546, 0.3606**, and **22.9477, 0.4194, 0.3710** is the 20% darker color. If you saturate the color by 10%, you get **41.9385, 0.4265, 0.3723**, and if you desaturate by 10%, it is **54.9633, 0.3697, 0.3545**.

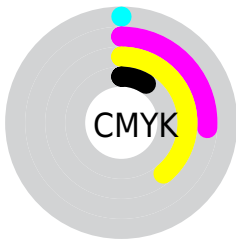
Distribution



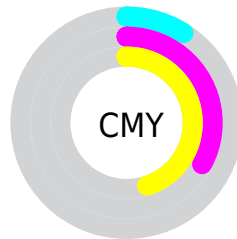
- Red (91%)
- Green (67%)
- Blue (55%)



- Red (91%)
- Yellow (73%)
- Blue (55%)



- Cyan (0%)
- Magenta (26%)
- Yellow (39%)
- Black (9%)




- Cyan (9%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0378, 0.3962, 0.3637 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 48.0378, 0.3962, 0.3637 by changing the saturation by 10% instead.


 48.0378, 0.3962,
0.3637

 48.0378, 0.3962,
0.3637


378.9419, 0.3544,
0.3479

 33.8568, 0.4065,
0.3671


 87.2607, 0.3811,
0.3584

 22.7836, 0.4197,
0.3711


 113.0714, 0.3754,
0.3562

 14.4338, 0.4369,
0.3758


 143.5274, 0.3705,
0.3544

 8.4230, 0.4603,
0.3812

179.0132, 0.3664,
0.3528

 4.3668, 0.4935,
0.3864

219.9132, 0.3628,
0.3513

 1.8808, 0.5692,
0.4075

266.6117, 0.3596,

 0.5368, 0.6414,

0.3501

0.3586

319.4932, 0.3569,
0.3489

0.0000, 0.0000,
0.0000

48.0378, 0.3962,
0.3637

48.0378, 0.3962,
0.3637

41.9385, 0.4265,
0.3723

54.9633, 0.3697,
0.3545

36.6264, 0.4601,
0.3793

62.7383, 0.3469,
0.3453

32.0692, 0.4957,
0.3837

71.3939, 0.3275,
0.3365

28.2296, 0.5308,
0.3841

80.9574, 0.3111,
0.3282

25.0662, 0.5625,
0.3796

91.3570, 0.2981,
0.3220

■ 22.5283, 0.5878,
0.3705

■ 95.7323, 0.2982,
0.3290

■ 22.2977, 0.5902,
0.3695

Harmonies

Analogous

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



48.0378, 0.3854, 0.3301



48.0378, 0.3962, 0.3637



48.0378, 0.3829, 0.3915

Triad

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



48.0378, 0.3962, 0.3637



48.0378, 0.2711, 0.3621



48.0378, 0.2721, 0.2620

Complementary

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



48.0378, 0.3962, 0.3637



53.2174, 0.2531, 0.2909

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.



48.0378, 0.2454, 0.2657



48.0378, 0.3962, 0.3637



48.0378, 0.2447, 0.3211

Square

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



48.0378, 0.3962, 0.3637



48.0378, 0.3097, 0.3941



48.0378, 0.2357, 0.2861



48.0378, 0.3113, 0.2739

Rectangle

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



48.0378, 0.3962, 0.3637



48.0378, 0.3630, 0.4023



48.0378, 0.2357, 0.2861



48.0378, 0.2615, 0.2614

Sweetspot

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



48.0401, 0.3962, 0.3637



85.8496, 0.3332, 0.3392



40.3306, 0.3439, 0.2607



18.0670, 0.3357, 0.3403



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.



48.0401, 0.3962, 0.3637



53.7075, 0.4210, 0.3709



67.2705, 0.3774, 0.4098



15.1487, 0.3284, 0.3369



12.7019, 0.5874, 0.3718



1.1045, 0.5590, 0.3944

Inverse Universe

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



53.2174, 0.2531, 0.2909



61.0161, 0.2414, 0.2812



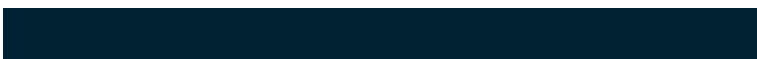
35.7180, 0.2442, 0.2322



15.4847, 0.2981, 0.3210



16.4326, 0.1935, 0.2165



1.3834, 0.1986, 0.2349

Previews

White Background



This preview shows how the Yxy color 48.0378, 0.3962, 0.3637 looks on a white background.

Color Contrast Check

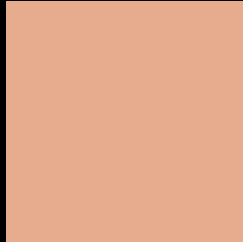
Large Text (above 18pt) WCAG AA × Fail

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 48.0378, 0.3962, 0.3637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

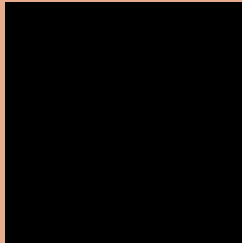
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.0378, 0.3962, 0.3637

Background



This preview shows how black text looks on a background with the Yxy color 48.0378, 0.3962, 0.3637.



This preview shows how white text looks on a background with the Yxy color 48.0378, 0.3962, 0.3637.

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

48.0378, 0.3962, 0.3637

Protanopia

48.1233, 0.3534, 0.3765

Deuteranopia

48.0894, 0.3814, 0.3738



Tritanopia

48.1490, 0.3667, 0.3156

Trichromacy



Original Color

48.0378, 0.3962, 0.3637

Protanomaly

47.8398, 0.3688, 0.3712

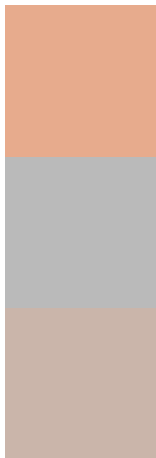
Deuteranomaly

48.0830, 0.3869, 0.3707

Tritanomaly

48.2143, 0.3775, 0.3326

Monochromacy



Original Color

48.0378, 0.3962, 0.3637

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.5066, 0.3402, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0378, 0.3962, 0.3637 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(231, 171, 141)` looks like.

```
.text, #text, p{  
    color:rgb(231, 171, 141)  
}
```

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(231, 171, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 171, 141) }
```

Border

The CSS property to change the border of an element to Yxy 48.0378, 0.3962, 0.3637 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(231, 171, 141) }
```

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

```
.border{ border-color:rgb(231, 171, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 171, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 171, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 171, 141);  
box-shadow:4px 4px 4px 4px rgb(231, 171,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0378, 0.3962, 0.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 171, 141) }
```

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

```
.background{ background-color: rgb(231,  
171, 141) }
```

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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