

Converting Colors

$Y_{xy}(48.5052, 0.3975, 0.3583)$

Have a look what the booklet for
Yxy(48.5052, 0.3975, 0.3583)
contains.

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Color

Yxy(48.4252, 0.3976, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	EBA090
RGB	235, 170, 144
RGB Percent	92%, 67%, 56%
CMY	0.0783, 0.3334, 0.4353
CMYK	0.00, 0.28, 0.39, 0.08
HSL	17°, 70%, 74%
HSV	17°, 39%, 92%
XYZ	53.6768, 48.4252, 32.9000
YIQ	186.4710, 47.0860, 5.6940

Conversions

Conversions Part 2

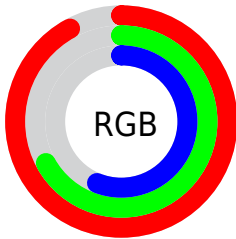
Format	Color
R _Y B	235, 180, 144
Decimal	15444624
CIE Lab	75.09, 20.65, 22.85
CIE LCh	75, 30.797, 47.896
Yxy	48.4252, 0.3976, 0.3587
Android (android.graphics.Color)	4293634704 (0xFFEBAA90)
YUV	186.4710, -20.9382, 42.5599
Hunter-Lab	69.5882, 15.9063, 20.6806

Details

The Yxy color **48.4252, 0.3976, 0.3587** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **57.5448, 0.2542, 0.2966**, and the grayscale version is **49.4824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7299, 0.3525, 0.3575**, and **23.0943, 0.4214, 0.3660** is the 20% darker color. If you saturate the color by 10%, you get **41.8840, 0.4293, 0.3661**, and if you desaturate by 10%, it is **55.9246, 0.3702, 0.3508**.

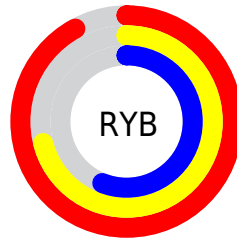
Distribution



Red (92%)

Green (67%)

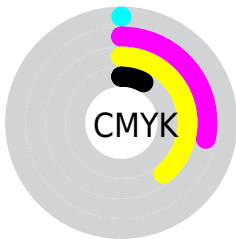
Blue (56%)



Red (92%)

Yellow (71%)

Blue (56%)

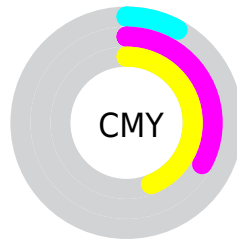


Cyan (0%)

Magenta (28%)

Yellow (39%)

Black (8%)



Cyan (8%)


Magenta (33%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4252, 0.3976, 0.3587 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 48.4252, 0.3976, 0.3587 by changing the saturation by 10% instead.


 48.4252, 0.3976,
0.3587

 48.4252, 0.3976,
0.3587

380.4750, 0.3551,
0.3455

 34.1637, 0.4081,
0.3615


 87.8371, 0.3822,
0.3543

 23.0194, 0.4215,
0.3647


 113.7564, 0.3764,
0.3525

 14.6078, 0.4391,
0.3683


144.3304, 0.3715,
0.3510

 8.5446, 0.4630,
0.3723

179.9435, 0.3673,
0.3496

 4.4454, 0.4971,
0.3757

220.9801, 0.3636,
0.3484

 1.9257, 0.5671,
0.3882

267.8247, 0.3604,

 0.5638, 0.6519,

0.3473

0.3481

320.8615, 0.3576,
0.3463

0.0000, 0.0000,
0.0000

48.4252, 0.3976,
0.3587

48.4252, 0.3976,
0.3587

41.8840, 0.4293,
0.3661

55.9246, 0.3702,
0.3508

36.2546, 0.4647,
0.3720

64.4126, 0.3469,
0.3429

31.4967, 0.5025,
0.3754

73.9264, 0.3273,
0.3353

27.5642, 0.5399,
0.3751

84.4994, 0.3108,
0.3281

24.4059, 0.5733,
0.3702

95.7371, 0.3006,
0.3279

■ 21.9608, 0.5992,
0.3612

■ 96.4074, 0.3006,
0.3290

■ 21.6964, 0.6022,
0.3601

Harmonies

Analogous

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



48.4252, 0.3826, 0.3243



48.4252, 0.3976, 0.3587



48.4252, 0.3879, 0.3886

Triad

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



48.4252, 0.3976, 0.3587



48.4252, 0.2763, 0.3693



48.4252, 0.2658, 0.2604

Complementary

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



48.4252, 0.3976, 0.3587



57.5448, 0.2542, 0.2966

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.



48.4252, 0.2413, 0.2669



48.4252, 0.3976, 0.3587



48.4252, 0.2469, 0.3278

Square

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



48.4252, 0.3976, 0.3587



48.4252, 0.3167, 0.3988



48.4252, 0.2346, 0.2903



48.4252, 0.3041, 0.2700

Rectangle

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



48.4252, 0.3976, 0.3587



48.4252, 0.3696, 0.4017



48.4252, 0.2346, 0.2903



48.4252, 0.2559, 0.2607

Sweetspot

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



48.4275, 0.3976, 0.3587



85.0202, 0.3334, 0.3377



42.2269, 0.3408, 0.2580



17.8727, 0.3359, 0.3387



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.



48.4275, 0.3976, 0.3587



52.2878, 0.4209, 0.3643



68.4377, 0.3783, 0.4065



15.7546, 0.3286, 0.3358



12.2597, 0.5994, 0.3623



1.1219, 0.5722, 0.3839

Inverse Universe

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



57.5448, 0.2542, 0.2966



64.5750, 0.2440, 0.2893



38.3786, 0.2452, 0.2368



16.3527, 0.2981, 0.3221



19.1294, 0.1982, 0.2334



1.6648, 0.2023, 0.2483

Previews

White Background



This preview shows how the Yxy color 48.4252, 0.3976, 0.3587 looks on a white background.

Color Contrast Check

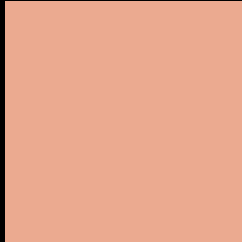
Large Text (above 18pt) WCAG AA × Fail

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 48.4252, 0.3976, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

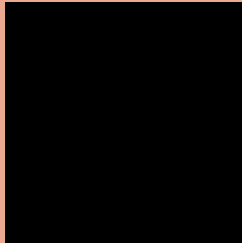
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4252, 0.3976, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 48.4252, 0.3976, 0.3587.



This preview shows how white text looks on a background with the Yxy color 48.4252, 0.3976, 0.3587.

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

48.4252, 0.3976, 0.3587

Protanopia

48.6681, 0.3498, 0.3726

Deuteranopia

48.5757, 0.3783, 0.3713



Tritanopia

48.3018, 0.3697, 0.3147

Trichromacy



Original Color

48.4252, 0.3976, 0.3587

Protanomaly

48.4823, 0.3667, 0.3685

Deuteranomaly

48.4904, 0.3861, 0.3669

Tritanomaly

48.3951, 0.3797, 0.3303

Monochromacy



Original Color

48.4252, 0.3976, 0.3587

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.4202, 0.3413, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4252, 0.3976, 0.3587 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(235, 170, 144)` looks like.

```
.text, #text, p{  
    color:rgb(235, 170, 144)  
}
```

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(235, 170, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 170, 144) }
```

Border

The CSS property to change the border of an element to Yxy 48.4252, 0.3976, 0.3587 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(235, 170, 144) }
```

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

```
.border{ border-color:rgb(235, 170, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 170, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 170, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 170, 144);  
box-shadow:4px 4px 4px 4px rgb(235, 170,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4252, 0.3976, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 170, 144) }
```

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

```
.background{ background-color: rgb(235,  
170, 144) }
```

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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