

Converting Colors

$Yxy(44.9872, 0.3966, 0.3529)$

Have a look what the booklet for
Yxy(44.9872, 0.3966, 0.3529)
contains.

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Color

Yxy(45.0006, 0.3970, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	E6A38F
RGB	230, 163, 143
RGB Percent	90%, 64%, 56%
CMY	0.0979, 0.3608, 0.4392
CMYK	0.00, 0.29, 0.38, 0.10
HSL	14°, 64%, 73%
HSV	14°, 38%, 90%
XYZ	50.6959, 45.0006, 32.0010
YIQ	180.7530, 46.3520, 7.9840

Conversions

Conversions Part 2

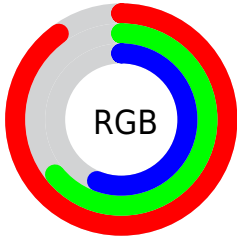
Format	Color
R _Y B	230, 169, 143
Decimal	15115151
CIE Lab	72.89, 22.33, 20.29
CIE LCh	73, 30.174, 42.252
Yxy	45.0006, 0.3970, 0.3524
Android (android.graphics.Color)	4293305231 (0xFFE6A38F)
YUV	180.7530, -18.6122, 43.1896
Hunter-Lab	67.0825, 17.5026, 18.6741

Details

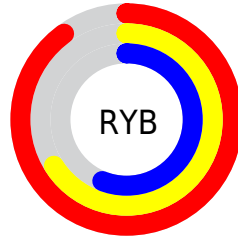
The Yxy color **45.0006, 0.3970, 0.3524** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.6692, 0.2564, 0.3039**, and the grayscale version is **46.1535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.4340, 0.3550, 0.3506**, and **20.9298, 0.4203, 0.3566** is the 20% darker color. If you saturate the color by 10%, you get **38.5181, 0.4298, 0.3584**, and if you desaturate by 10%, it is **52.5120, 0.3689, 0.3460**.

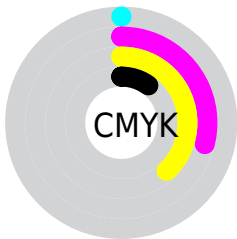
Distribution



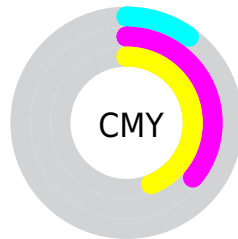
- Red (90%)
- Green (64%)
- Blue (56%)



- Red (90%)
- Yellow (66%)
- Blue (56%)



- Cyan (0%)
- Magenta (29%)
- Yellow (38%)
- Black (10%)





- Cyan (10%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0006, 0.3970, 0.3524 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 45.0006, 0.3970, 0.3524 by changing the saturation by 10% instead.

 45.0006, 0.3970,
0.3524

 45.0006, 0.3970,
0.3524


366.7760, 0.3542,
0.3421

 31.4579, 0.4078,
0.3545


 82.7213, 0.3814,
0.3490

 20.9478, 0.4216,
0.3569


 107.6681, 0.3755,
0.3476

 13.0858, 0.4400,
0.3595


137.1851, 0.3706,
0.3464

 7.4877, 0.4655,
0.3620

171.6566, 0.3664,
0.3453

 3.7689, 0.5025,
0.3633

211.4670, 0.3627,
0.3444

 1.5452, 0.5890,
0.3778

257.0008, 0.3595,

 0.3202, 0.7263,

0.3435

0.2737

308.6423, 0.3567,
0.3428

0.0000, 0.0000,
0.0000

45.0006, 0.3970,
0.3524

45.0006, 0.3970,
0.3524

38.5181, 0.4298,
0.3584

52.5120, 0.3689,
0.3460

33.0129, 0.4670,
0.3631

61.0882, 0.3454,
0.3396

28.4382, 0.5071,
0.3657

70.7713, 0.3257,
0.3335

24.7409, 0.5471,
0.3651

81.5992, 0.3094,
0.3278

21.8621, 0.5825,
0.3605

93.4120, 0.2976,
0.3256

■ 19.7331, 0.6092,
0.3523

■ 95.5683, 0.2976,
0.3290

■ 19.3593, 0.6141,
0.3506

Harmonies

Analogous

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



45.0006, 0.3775, 0.3179



45.0006, 0.3970, 0.3524



45.0006, 0.3918, 0.3839

Triad

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



45.0006, 0.3970, 0.3524



45.0006, 0.2832, 0.3764



45.0006, 0.2598, 0.2601

Complementary

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



45.0006, 0.3970, 0.3524



57.6692, 0.2564, 0.3039

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.



45.0006, 0.2384, 0.2698



45.0006, 0.3970, 0.3524



45.0006, 0.2510, 0.3357

Square

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



45.0006, 0.3970, 0.3524



45.0006, 0.3247, 0.4022



45.0006, 0.2352, 0.2963



45.0006, 0.2961, 0.2669

Rectangle

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



45.0006, 0.3970, 0.3524



45.0006, 0.3758, 0.3990



45.0006, 0.2352, 0.2963



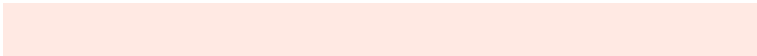
45.0006, 0.2508, 0.2614

Sweetspot

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



45.0028, 0.3970, 0.3524



85.3036, 0.3317, 0.3354



41.1858, 0.3343, 0.2538



17.8970, 0.3343, 0.3363



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.



45.0028, 0.3970, 0.3524



50.6540, 0.4209, 0.3569



62.6530, 0.3788, 0.3988



14.9024, 0.3287, 0.3345



11.1100, 0.6115, 0.3526



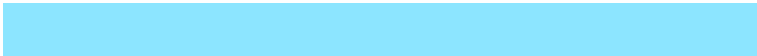
0.9599, 0.5834, 0.3750

Inverse Universe

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



57.6692, 0.2564, 0.3039



68.6591, 0.2467, 0.2981



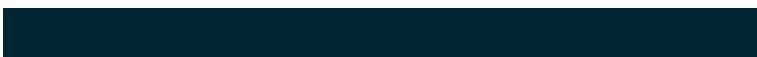
39.4349, 0.2481, 0.2474



15.7455, 0.2981, 0.3235



21.2689, 0.2037, 0.2533



1.7089, 0.2071, 0.2656

Previews

White Background



This preview shows how the Yxy color 45.0006, 0.3970, 0.3524 looks on a white background.

Color Contrast Check

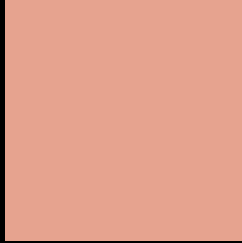
Large Text (above 18pt) WCAG AA × Fail

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 45.0006, 0.3970, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

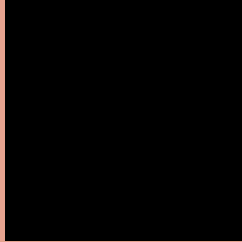
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0006, 0.3970, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 45.0006, 0.3970, 0.3524.



This preview shows how white text looks on a background with the Yxy color 45.0006, 0.3970, 0.3524.

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

45.0006, 0.3970, 0.3524

Protanopia

45.2934, 0.3450, 0.3660

Deuteranopia

44.9834, 0.3749, 0.3678



Tritanopia

45.0602, 0.3736, 0.3155

Trichromacy



Original Color

45.0006, 0.3970, 0.3524

Protanomaly

44.8626, 0.3634, 0.3608

Deuteranomaly

45.0806, 0.3829, 0.3620

Tritanomaly

44.8706, 0.3822, 0.3281

Monochromacy



Original Color

45.0006, 0.3970, 0.3524

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.2042, 0.3414, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0006, 0.3970, 0.3524 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(230, 163, 143)` looks like.

```
.text, #text, p{  
    color:rgb(230, 163, 143)  
}
```

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(230, 163, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 163, 143) }
```

Border

The CSS property to change the border of an element to Yxy 45.0006, 0.3970, 0.3524 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(230, 163, 143) }
```

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

```
.border{ border-color:rgb(230, 163, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 163, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 163, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 163, 143);  
box-shadow:4px 4px 4px 4px rgb(230, 163,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0006, 0.3970, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 163, 143) }
```

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

```
.background{ background-color: rgb(230,  
163, 143) }
```

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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