

Converting Colors

$Y_{xy}(43.6457, 0.3806, 0.3374)$

Have a look what the booklet for
Yxy(43.6457, 0.3806, 0.3374)
contains.

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Color

Yxy(43.6701, 0.3812, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	E0A19A
RGB	224, 161, 154
RGB Percent	88%, 63%, 60%
CMY	0.1214, 0.3687, 0.3961
CMYK	0.00, 0.28, 0.31, 0.12
HSL	6°, 53%, 74%
HSV	6°, 31%, 88%
XYZ	49.3246, 43.6701, 36.3982
YIQ	179.0390, 39.7950, 11.1790

Conversions

Conversions Part 2

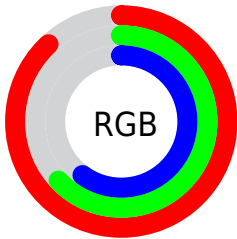
Format	Color
R _Y B	224, 162, 154
Decimal	14721434
CIE Lab	72.01, 22.46, 12.93
CIE LCh	72, 25.916, 29.934
Yxy	43.6701, 0.3812, 0.3375
Android (android.graphics.Color)	4292911514 (0xFFE0A19A)
YUV	179.0390, -12.3442, 39.4308
Hunter-Lab	66.0834, 17.5864, 13.6019

Details

The Yxy color **43.6701, 0.3812, 0.3375** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.8952, 0.2670, 0.3203**, and the grayscale version is **45.1538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9258, 0.3474, 0.3372**, and **20.1320, 0.4013, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **36.5060, 0.4137, 0.3403**, and if you desaturate by 10%, it is **52.1141, 0.3543, 0.3347**.

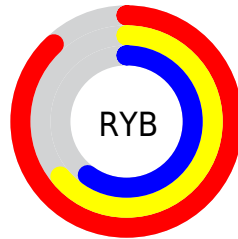
Distribution



Red (88%)

Green (63%)

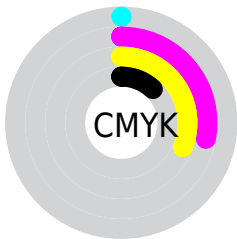
Blue (60%)



Red (88%)

Yellow (64%)

Blue (60%)

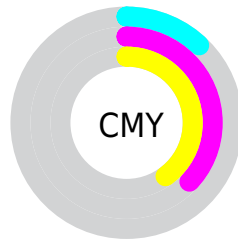


Cyan (0%)

Magenta (28%)

Yellow (31%)

Black (12%)



Cyan (12%)


Magenta (37%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6701, 0.3812, 0.3375 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 43.6701, 0.3812, 0.3375 by changing the saturation by 10% instead.


 43.6701, 0.3812,
0.3375


 43.6701, 0.3812,
0.3375


361.3603, 0.3462,
0.3341

 30.4112, 0.3901,
0.3381


 80.7211, 0.3683,
0.3365

 20.1509, 0.4017,
0.3386


 105.2820, 0.3636,
0.3360

 12.5048, 0.4172,
0.3391

134.3791, 0.3595,
0.3356

 7.0885, 0.4391,
0.3391

168.3967, 0.3561,
0.3352

 3.5175, 0.4720,
0.3378

207.7192, 0.3531,
0.3349

 1.4075, 0.5336,
0.3365

252.7311, 0.3505,

 0.2222, 0.7736,

0.3346

0.2264

303.8166, 0.3483,
0.3343

0.0000, 0.0000,
0.0000

43.6701, 0.3812,
0.3375

43.6701, 0.3812,
0.3375

36.5060, 0.4137,
0.3403

52.1141, 0.3543,
0.3347

30.5535, 0.4522,
0.3427

61.8897, 0.3325,
0.3319

25.7472, 0.4955,
0.3442

73.0533, 0.3147,
0.3293

22.0132, 0.5409,
0.3443

85.6562, 0.3003,
0.3269

19.2688, 0.5831,
0.3426

94.5922, 0.2941,
0.3289

■ 17.4192, 0.6155,
0.3390

■ 16.4409, 0.6333,
0.3354

Harmonies

Analogous

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



43.6701, 0.3568, 0.3078



43.6701, 0.3812, 0.3375



43.6701, 0.3858, 0.3669

Triad

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



43.6701, 0.3812, 0.3375



43.6701, 0.3017, 0.3811



43.6701, 0.2570, 0.2704

Complementary

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



43.6701, 0.3812, 0.3375



61.8952, 0.2670, 0.3203

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.



43.6701, 0.2444, 0.2855



43.6701, 0.3812, 0.3375



43.6701, 0.2691, 0.3500

Square

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



43.6701, 0.3812, 0.3375



43.6701, 0.3386, 0.3953



43.6701, 0.2486, 0.3142



43.6701, 0.2842, 0.2704

Rectangle

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



43.6701, 0.3812, 0.3375



43.6701, 0.3771, 0.3829



43.6701, 0.2486, 0.3142



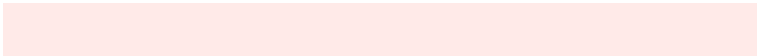
43.6701, 0.2510, 0.2738

Sweetspot

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



43.6722, 0.3812, 0.3375



86.1303, 0.3282, 0.3313



44.0336, 0.3214, 0.2574



17.9868, 0.3310, 0.3317



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.



43.6722, 0.3812, 0.3375



51.6572, 0.4034, 0.3395



57.1475, 0.3692, 0.3763



13.9197, 0.3290, 0.3314



9.6435, 0.6318, 0.3366



0.7445, 0.6119, 0.3524

Inverse Universe

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



61.8952, 0.2670, 0.3203



79.9962, 0.2581, 0.3180



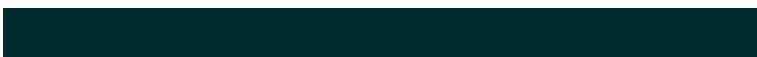
46.1925, 0.2618, 0.2764



15.3260, 0.2982, 0.3266



27.7122, 0.2160, 0.2974



1.9895, 0.2174, 0.3027

Previews

White Background



This preview shows how the Yxy color 43.6701, 0.3812, 0.3375 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 43.6701, 0.3812, 0.3375 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 43.6701, 0.3812, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 43.6701, 0.3812, 0.3375.



This preview shows how white text looks on a background with the Yxy color 43.6701, 0.3812, 0.3375.

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

43.6701, 0.3812, 0.3375

Protanopia

43.8497, 0.3316, 0.3477

Deuteranopia

43.7130, 0.3597, 0.3520



Tritanopia

43.5627, 0.3671, 0.3140

Trichromacy



Original Color

43.6701, 0.3812, 0.3375

Protanomaly

43.7711, 0.3492, 0.3445

Deuteranomaly

43.7862, 0.3675, 0.3465

Tritanomaly

43.5204, 0.3718, 0.3221

Monochromacy



Original Color

43.6701, 0.3812, 0.3375

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.0094, 0.3354, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6701, 0.3812, 0.3375 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(224, 161, 154)` looks like.

```
.text, #text, p{  
    color:rgb(224, 161, 154)  
}
```

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(224, 161, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 161, 154) }
```

Border

The CSS property to change the border of an element to Yxy 43.6701, 0.3812, 0.3375 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(224, 161, 154) }
```

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

```
.border{ border-color:rgb(224, 161, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 161, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 161, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 161, 154);  
box-shadow:4px 4px 4px 4px rgb(224, 161,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6701, 0.3812, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 161, 154) }
```

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

```
.background{ background-color: rgb(224,  
161, 154) }
```

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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