

Converting Colors

Yxy(43.6643, 0.3751, 0.3210)

Have a look what the booklet for
Yxy(43.6643, 0.3751, 0.3210)
contains.

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Color

Yxy(43.6643, 0.3751, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	E49EA5
RGB	228, 158, 165
RGB Percent	89%, 62%, 65%
CMY	0.1057, 0.3804, 0.3529
CMYK	0.00, 0.31, 0.28, 0.11
HSL	354°, 57%, 76%
HSV	354°, 31%, 89%
XYZ	51.0233, 43.6643, 41.3383
YIQ	179.7280, 39.4730, 17.0170

Conversions

Conversions Part 2

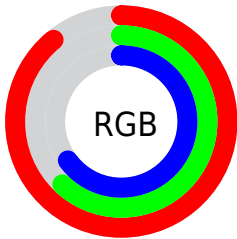
Format	Color
R _Y B	228, 158, 165
Decimal	14982821
CIE Lab	72.00, 27.04, 6.91
CIE LCh	72, 27.906, 14.338
Yxy	43.6643, 0.3751, 0.3210
Android (android.graphics.Color)	4293172901 (0xFFE49EA5)
YUV	179.7280, -7.2609, 42.3345
Hunter-Lab	66.0790, 22.1917, 9.1641

Details

The Yxy color **43.6643, 0.3751, 0.3210** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.9988, 0.2724, 0.3374**, and the grayscale version is **45.5139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0158, 0.3391, 0.3220**, and **20.1582, 0.3939, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **35.9079, 0.4058, 0.3184**, and if you desaturate by 10%, it is **52.9880, 0.3501, 0.3237**.

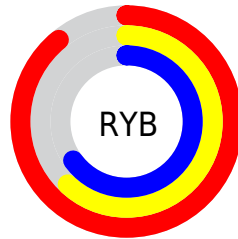
Distribution



Red (89%)

Green (62%)

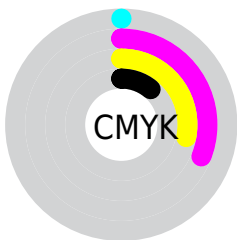
Blue (65%)



Red (89%)

Yellow (62%)

Blue (65%)

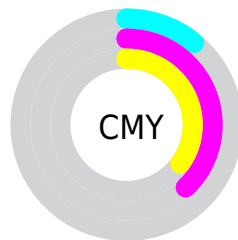


Cyan (0%)

Magenta (31%)

Yellow (28%)

Black (11%)



Cyan (11%)


Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6643, 0.3751, 0.3210 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 43.6643, 0.3751, 0.3210 by changing the saturation by 10% instead.


 43.6643, 0.3751,
0.3210


 43.6643, 0.3751,
0.3210

361.3366, 0.3433,
0.3256

 30.4067, 0.3832,
0.3197


 80.7124, 0.3634,
0.3228

 20.1475, 0.3937,
0.3179


 105.2716, 0.3591,
0.3234

 12.5023, 0.4078,
0.3153


134.3668, 0.3554,
0.3240

 7.0867, 0.4277,
0.3113

168.3824, 0.3523,
0.3244

 3.5164, 0.4579,
0.3047

207.7028, 0.3496,
0.3248

 1.4069, 0.5084,
0.2917

252.7124, 0.3472,

 0.2218, 0.7971,

0.3251

0.2029

303.7955, 0.3452,
0.3253

0.0000, 0.0000,
0.0000

43.6643, 0.3751,
0.3210

43.6643, 0.3751,
0.3210

35.9079, 0.4058,
0.3184

52.9880, 0.3501,
0.3237

29.6269, 0.4427,
0.3162

63.9520, 0.3299,
0.3264

24.7296, 0.4851,
0.3148

76.6321, 0.3137,
0.3288

21.1111, 0.5304,
0.3149

91.0976, 0.3008,
0.3311

18.6518, 0.5739,
0.3168

95.2408, 0.2964,
0.3290

■ 17.2094, 0.6090,
0.3206

■ 16.5620, 0.6303,
0.3246

Harmonies

Analogous

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



43.6643, 0.3406, 0.2919



43.6643, 0.3751, 0.3210



43.6643, 0.3918, 0.3535

Triad

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



43.6643, 0.3751, 0.3210



43.6643, 0.3214, 0.3961



43.6643, 0.2438, 0.2724

Complementary

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



43.6643, 0.3751, 0.3210



67.9988, 0.2724, 0.3374

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.



43.6643, 0.2396, 0.2965



43.6643, 0.3751, 0.3210



43.6643, 0.2827, 0.3708

Square

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



43.6643, 0.3751, 0.3210



43.6643, 0.3592, 0.3994



43.6643, 0.2533, 0.3327



43.6643, 0.2652, 0.2643

Rectangle

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



43.6643, 0.3751, 0.3210



43.6643, 0.3902, 0.3736



43.6643, 0.2533, 0.3327



43.6643, 0.2404, 0.2787

Sweetspot

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



43.6664, 0.3751, 0.3210



84.9620, 0.3270, 0.3268



45.2476, 0.3092, 0.2511



17.7021, 0.3296, 0.3264



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.



43.6664, 0.3751, 0.3210



49.5338, 0.3944, 0.3193



53.6000, 0.3728, 0.3601



14.3913, 0.3277, 0.3267



9.5675, 0.6281, 0.3234



0.7150, 0.6006, 0.3082

Inverse Universe

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



43.6664, 0.3751, 0.3210



49.5338, 0.3944, 0.3193



54.7318, 0.2648, 0.2956



14.3913, 0.3277, 0.3267



9.5675, 0.6281, 0.3234



0.7150, 0.6006, 0.3082

Previews

White Background



This preview shows how the Yxy color 43.6643, 0.3751, 0.3210 looks on a white background.

Color Contrast Check

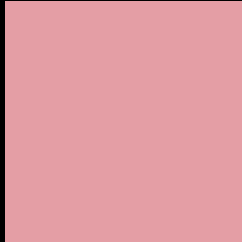
Large Text (above 18pt) WCAG AA × Fail

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 43.6643, 0.3751, 0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

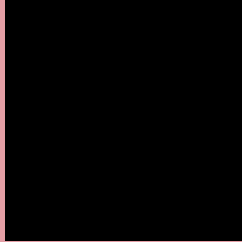
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6643, 0.3751, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 43.6643, 0.3751, 0.3210.



This preview shows how white text looks on a background with the Yxy color 43.6643, 0.3751, 0.3210.

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

43.6643, 0.3751, 0.3210

Protanopia

43.8491, 0.3171, 0.3303

Deuteranopia

43.9123, 0.3456, 0.3393



Tritanopia

43.4725, 0.3713, 0.3152

Trichromacy



Original Color

43.6643, 0.3751, 0.3210

Protanomaly

43.1865, 0.3369, 0.3265

Deuteranomaly

43.6544, 0.3564, 0.3316

Tritanomaly

43.4351, 0.3723, 0.3164

Monochromacy



Original Color

43.6643, 0.3751, 0.3210

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.4705, 0.3329, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6643, 0.3751, 0.3210 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(228, 158, 165)` looks like.

```
.text, #text, p{  
    color:rgb(228, 158, 165)  
}
```

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(228, 158, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 158, 165) }
```

Border

The CSS property to change the border of an element to Yxy 43.6643, 0.3751, 0.3210 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(228, 158, 165) }
```

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

```
.border{ border-color:rgb(228, 158, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 158, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 158, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 158, 165);  
box-shadow:4px 4px 4px 4px rgb(228, 158,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6643, 0.3751, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 158, 165) }
```

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

```
.background{ background-color: rgb(228,  
158, 165) }
```

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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