

Converting Colors

$Y_{xy}(43.6590, 0.3744, 0.3290)$

Have a look what the booklet for
Yxy(43.6590, 0.3744, 0.3290)
contains.

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Color

Yxy(43.5621, 0.3745, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	E0A0A1
RGB	224, 160, 161
RGB Percent	88%, 63%, 63%
CMY	0.1217, 0.3725, 0.3686
CMYK	0.00, 0.29, 0.28, 0.12
HSL	359°, 51%, 75%
HSV	359°, 29%, 88%
XYZ	49.7378, 43.5621, 39.5114
YIQ	179.2500, 37.8230, 13.8790

Conversions

Conversions Part 2

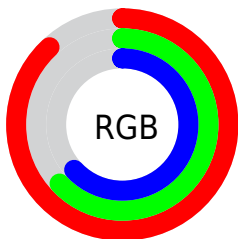
Format	Color
R _Y B	224, 160, 161
Decimal	14721185
CIE Lab	71.93, 23.89, 8.96
CIE LCh	72, 25.515, 20.553
Yxy	43.5621, 0.3745, 0.3280
Android (android.graphics.Color)	4292911265 (0xFFE0A0A1)
YUV	179.2500, -8.9972, 39.2458
Hunter-Lab	66.0016, 19.0122, 10.7076

Details

The Yxy color **43.5621, 0.3745, 0.3280** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.0959, 0.2720, 0.3301**, and the grayscale version is **45.2544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8187, 0.3417, 0.3281**, and **20.0664, 0.3919, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **35.7741, 0.4069, 0.3277**, and if you desaturate by 10%, it is **52.8902, 0.3483, 0.3284**.

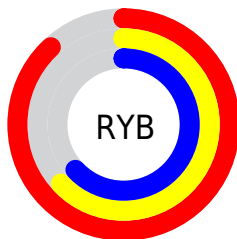
Distribution



Red (88%)

Green (63%)

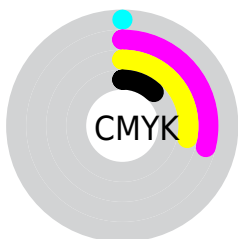
Blue (63%)



Red (88%)

Yellow (63%)

Blue (63%)

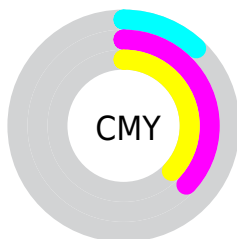


Cyan (0%)

Magenta (29%)

Yellow (28%)

Black (12%)



Cyan (12%)


Magenta (37%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5621, 0.3745, 0.3280 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 43.5621, 0.3745, 0.3280 by changing the saturation by 10% instead.

 43.5621, 0.3745,
0.3280

 43.5621, 0.3745,
0.3280


360.9183, 0.3430,
0.3291

 30.3264, 0.3825,
0.3275


 80.5584, 0.3629,
0.3286

 20.0865, 0.3930,
0.3268


 105.0878, 0.3586,
0.3287

 12.4579, 0.4070,
0.3256


134.1505, 0.3550,
0.3288

 7.0563, 0.4269,
0.3235

168.1310, 0.3519,
0.3289

 3.4974, 0.4570,
0.3194

207.4137, 0.3492,
0.3290

 1.3966, 0.5084,
0.3108

252.3828, 0.3469,

 0.2142, 0.7860,

0.3291

0.2140

303.4229, 0.3448,
0.3291

0.0000, 0.0000,
0.0000

43.5621, 0.3745,
0.3280

43.5621, 0.3745,
0.3280

35.7741, 0.4069,
0.3277

52.8902, 0.3483,
0.3284

29.4376, 0.4460,
0.3274

63.8284, 0.3273,
0.3287

24.4647, 0.4909,
0.3273

76.4499, 0.3105,
0.3290

20.7554, 0.5387,
0.3275

90.8215, 0.2971,
0.3294

18.1960, 0.5836,
0.3279

94.5822, 0.2940,
0.3289

■ 16.6524, 0.6179,
0.3286

■ 15.9272, 0.6368,
0.3293

■ 15.8498, 0.6388,
0.3293

Harmonies

Analogous

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



43.5621, 0.3457, 0.2999



43.5621, 0.3745, 0.3280



43.5621, 0.3856, 0.3578

Triad

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



43.5621, 0.3745, 0.3280



43.5621, 0.3132, 0.3868



43.5621, 0.2522, 0.2743

Complementary

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



43.5621, 0.3745, 0.3280



66.0959, 0.2720, 0.3301

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.



43.5621, 0.2449, 0.2937



43.5621, 0.3745, 0.3280



43.5621, 0.2788, 0.3604

Square

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



43.5621, 0.3745, 0.3280



43.5621, 0.3489, 0.3944



43.5621, 0.2542, 0.3252



43.5621, 0.2749, 0.2697

Rectangle

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



43.5621, 0.3745, 0.3280



43.5621, 0.3813, 0.3753



43.5621, 0.2542, 0.3252



43.5621, 0.2479, 0.2792

Sweetspot

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



43.5642, 0.3745, 0.3280



84.8508, 0.3282, 0.3287



46.2008, 0.3151, 0.2580



17.6750, 0.3311, 0.3286



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.



43.5642, 0.3745, 0.3280



52.2652, 0.3921, 0.3278



55.6110, 0.3655, 0.3650



13.7040, 0.3290, 0.3287



9.2303, 0.6383, 0.3290



0.6410, 0.6332, 0.3262

Inverse Universe

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



43.5642, 0.3745, 0.3280



52.2652, 0.3921, 0.3278



51.0218, 0.2674, 0.2900



13.7040, 0.3290, 0.3287



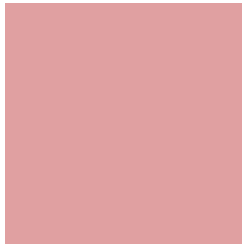
9.2303, 0.6383, 0.3290



0.6410, 0.6332, 0.3262

Previews

White Background



This preview shows how the Yxy color 43.5621, 0.3745, 0.3280 looks on a white background.

Color Contrast Check

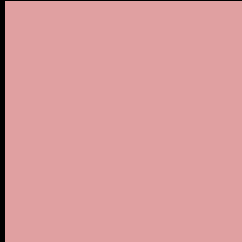
Large Text (above 18pt) WCAG AA × Fail

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 43.5621, 0.3745, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

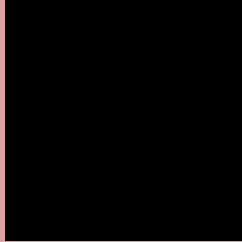
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5621, 0.3745, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 43.5621, 0.3745, 0.3280.



This preview shows how white text looks on a background with the Yxy color 43.5621, 0.3745, 0.3280.

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

43.5621, 0.3745, 0.3280

Protanopia

43.7767, 0.3221, 0.3370

Deuteranopia

43.5320, 0.3504, 0.3432



Tritanopia

43.7441, 0.3659, 0.3151

Trichromacy



Original Color

43.5621, 0.3745, 0.3280

Protanomaly

43.4098, 0.3403, 0.3329

Deuteranomaly

43.3658, 0.3592, 0.3366

Tritanomaly

43.5938, 0.3699, 0.3198

Monochromacy



Original Color

43.5621, 0.3745, 0.3280

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.0857, 0.3337, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5621, 0.3745, 0.3280 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, 160, 161)` looks like.

```
.text, #text, p{  
    color:rgb(224, 160, 161)  
}
```

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, 160, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 160, 161) }
```

Border

The CSS property to change the border of an element to Yxy 43.5621, 0.3745, 0.3280 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, 160, 161) }
```

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

```
.border{ border-color:rgb(224, 160, 161) }
```

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

Here you see how a box with a 4 pixel rgb(224, 160, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 160, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 160, 161);  
box-shadow:4px 4px 4px 4px rgb(224, 160,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5621, 0.3745, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 160, 161) }
```

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

```
.background{ background-color: rgb(224,  
160, 161) }
```

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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