

Converting Colors

Yxy(44.6947, 0.3694, 0.3219)

Have a look what the booklet for
Yxy(44.6947, 0.3694, 0.3219)
contains.

Yxy(44.8366, 0.3690, 0.3221)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.8366, 0.3690, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	E2A2A8
RGB	226, 162, 168
RGB Percent	89%, 64%, 66%
CMY	0.1135, 0.3648, 0.3411
CMYK	0.00, 0.28, 0.26, 0.11
HSL	354°, 53%, 76%
HSV	354°, 28%, 89%
XYZ	51.3651, 44.8366, 42.9991
YIQ	181.8200, 36.2180, 15.4340

Conversions

Conversions Part 2

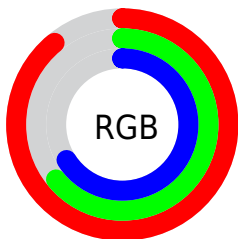
Format	Color
R _Y B	226, 162, 168
Decimal	14852776
CIE Lab	72.78, 24.58, 6.34
CIE LCh	73, 25.382, 14.470
Yxy	44.8366, 0.3690, 0.3221
Android (android.graphics.Color)	4293042856 (0xFFE2A2A8)
YUV	181.8200, -6.8133, 38.7459
Hunter-Lab	66.9601, 19.7471, 8.7984

Details

The Yxy color **44.8366, 0.3690, 0.3221** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.2684, 0.2750, 0.3362**, and the grayscale version is **46.7015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2134, 0.3364, 0.3230**, and **20.8478, 0.3850, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **36.8748, 0.3985, 0.3196**, and if you desaturate by 10%, it is **54.3541, 0.3451, 0.3246**.

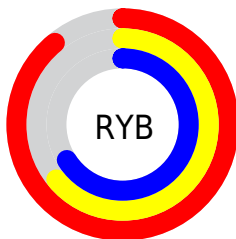
Distribution



Red (89%)

Green (64%)

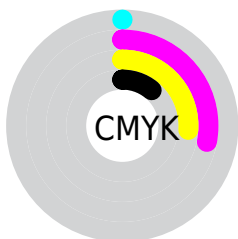
Blue (66%)



Red (89%)

Yellow (64%)

Blue (66%)

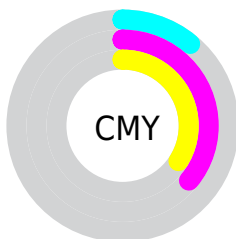


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (11%)



Cyan (11%)


Magenta (36%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8366, 0.3690, 0.3221 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 44.8366, 0.3690, 0.3221 by changing the saturation by 10% instead.


 44.8366, 0.3690,
0.3221

 44.8366, 0.3690,
0.3221


366.1114, 0.3405,
0.3260

 31.3287, 0.3762,
0.3210


 82.4752, 0.3585,
0.3236

 20.8493, 0.3856,
0.3195

 107.3746, 0.3546,
0.3242

 13.0139, 0.3981,
0.3173


136.8401, 0.3514,
0.3246

 7.4381, 0.4158,
0.3140

171.2560, 0.3486,
0.3250

 3.7376, 0.4424,
0.3085

211.0067, 0.3461,
0.3253

 1.5279, 0.4869,
0.2979

256.4765, 0.3440,

 0.3082, 0.7436,

0.3256

0.2564

308.0500, 0.3421,
0.3258

0.0000, 0.0000,
0.0000

44.8366, 0.3690,
0.3221

44.8366, 0.3690,
0.3221

36.8748, 0.3985,
0.3196

54.3541, 0.3451,
0.3246

30.3802, 0.4341,
0.3174

65.4973, 0.3258,
0.3271

25.2648, 0.4756,
0.3160

78.3394, 0.3104,
0.3294

21.4288, 0.5208,
0.3157

92.9475, 0.2980,
0.3315

18.7590, 0.5654,
0.3171

94.9171, 0.2952,
0.3289

■ 17.1221, 0.6030,
0.3203

■ 16.3272, 0.6280,
0.3245

■ 16.2323, 0.6310,
0.3250

Harmonies

Analogous

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



44.8366, 0.3381, 0.2954



44.8366, 0.3690, 0.3221



44.8366, 0.3840, 0.3517

Triad

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



44.8366, 0.3690, 0.3221



44.8366, 0.3206, 0.3891



44.8366, 0.2503, 0.2778

Complementary

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



44.8366, 0.3690, 0.3221



67.2684, 0.2750, 0.3362

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.



44.8366, 0.2464, 0.2998



44.8366, 0.3690, 0.3221



44.8366, 0.2856, 0.3663

Square

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



44.8366, 0.3690, 0.3221



44.8366, 0.3548, 0.3925



44.8366, 0.2589, 0.3324



44.8366, 0.2698, 0.2702

Rectangle

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



44.8366, 0.3690, 0.3221



44.8366, 0.3825, 0.3698



44.8366, 0.2589, 0.3324



44.8366, 0.2471, 0.2836

Sweetspot

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



44.8387, 0.3690, 0.3221



84.9540, 0.3271, 0.3269



46.4880, 0.3105, 0.2575



17.7001, 0.3297, 0.3266



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.



44.8387, 0.3690, 0.3221



52.5292, 0.3856, 0.3206



54.5847, 0.3667, 0.3587



13.7214, 0.3277, 0.3268



9.2634, 0.6289, 0.3238



0.6494, 0.6013, 0.3086

Inverse Universe

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



44.8387, 0.3690, 0.3221



52.5292, 0.3856, 0.3206



54.6781, 0.2684, 0.2972



13.7214, 0.3277, 0.3268



9.2634, 0.6289, 0.3238



0.6494, 0.6013, 0.3086

Previews

White Background



This preview shows how the Yxy color 44.8366, 0.3690, 0.3221 looks on a white background.

Color Contrast Check

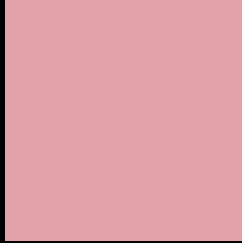
Large Text (above 18pt) WCAG AA × Fail

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 44.8366, 0.3690, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

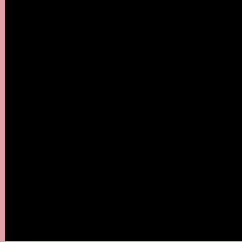
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8366, 0.3690, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 44.8366, 0.3690, 0.3221.



This preview shows how white text looks on a background with the Yxy color 44.8366, 0.3690, 0.3221.

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

44.8366, 0.3690, 0.3221

Protanopia

45.0824, 0.3179, 0.3303

Deuteranopia

45.0578, 0.3444, 0.3380



Tritanopia

44.8378, 0.3653, 0.3152

Trichromacy



Original Color

44.8366, 0.3690, 0.3221

Protanomaly

44.7032, 0.3356, 0.3265

Deuteranomaly

44.8676, 0.3528, 0.3316

Tritanomaly

44.7609, 0.3673, 0.3175

Monochromacy



Original Color

44.8366, 0.3690, 0.3221

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.8400, 0.3316, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8366, 0.3690, 0.3221 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(226, 162, 168)` looks like.

```
.text, #text, p{  
    color:rgb(226, 162, 168)  
}
```

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(226, 162, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 162, 168) }
```

Border

The CSS property to change the border of an element to Yxy 44.8366, 0.3690, 0.3221 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(226, 162, 168) }
```

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

```
.border{ border-color:rgb(226, 162, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 162, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 162, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 162, 168);  
box-shadow:4px 4px 4px 4px rgb(226, 162,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8366, 0.3690, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 162, 168) }
```

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

```
.background{ background-color: rgb(226,  
162, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor