

Converting Colors

$Y_{xy}(44.1015, 0.3415, 0.2855)$

Have a look what the booklet for
Yxy(44.1015, 0.3415, 0.2855)
contains.

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Color

Yxy(44.2411, 0.3420, 0.2865)

Conversions

Conversions Part 1

Format	Color
Hex	E09EC3
RGB	224, 158, 195
RGB Percent	88%, 62%, 76%
CMY	0.1216, 0.3803, 0.2354
CMYK	0.00, 0.29, 0.13, 0.12
HSL	326°, 52%, 75%
HSV	326°, 29%, 88%
XYZ	52.8114, 44.2411, 57.3667
YIQ	181.9520, 27.4590, 25.4990

Conversions

Conversions Part 2

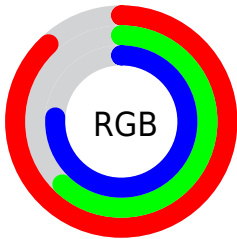
Format	Color
R_{YB}	224, 158, 195
Decimal	14720707
CIE _{Lab}	72.39, 30.07, -9.14
CIE _{LCh}	72, 31.424, 343.094
Yxy	44.2411, 0.3420, 0.2865
Android (android.graphics.Color)	4292910787 (0xFFE09EC3)
YUV	181.9520, 6.4327, 36.8761
Hunter-Lab	66.5140, 25.3275, -4.5764

Details

The Yxy color **44.2411, 0.3420, 0.2865** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **64.1639, 0.2913, 0.3759**, and the grayscale version is **46.7052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8768, 0.3167, 0.2909**, and **20.5560, 0.3507, 0.2761** is the 20% darker color. If you saturate the color by 10%, you get **36.8536, 0.3558, 0.2717**, and if you desaturate by 10%, it is **53.0546, 0.3303, 0.3014**.

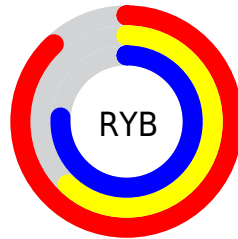
Distribution



Red (88%)

Green (62%)

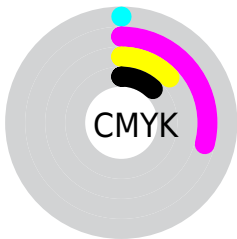
Blue (76%)



Red (88%)

Yellow (62%)

Blue (76%)

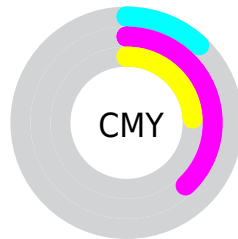


Cyan (0%)

Magenta (29%)

Yellow (13%)

Black (12%)



Cyan (12%)


Magenta (38%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2411, 0.3420, 0.2865 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 44.2411, 0.3420, 0.2865 by changing the saturation by 10% instead.

 44.2411, 0.3420,
0.2865

 44.2411, 0.3420,
0.2865

363.6912, 0.3276,
0.3072

 30.8601, 0.3455,
0.2815


 81.5804, 0.3368,
0.2939

 20.4923, 0.3500,
0.2752


 106.3075, 0.3349,
0.2967

 12.7534, 0.3559,
0.2669


135.5854, 0.3332,
0.2991

 7.2590, 0.3640,
0.2557

169.7986, 0.3318,
0.3012

 3.6246, 0.3758,
0.2396

209.3313, 0.3305,
0.3030

 1.4659, 0.3945,
0.2147


254.5681, 0.3294,


 0.2645, 0.4548,


0.3046

0.1211

305.8933, 0.3285,
0.3060


 0.0000, 0.0000,
0.0000


 44.2411, 0.3420,
0.2865


 44.2411, 0.3420,
0.2865


 36.8536, 0.3558,
0.2717


 53.0546, 0.3303,
0.3014


 30.8099, 0.3717,
0.2577

 63.3585, 0.3205,
0.3159


 26.0283, 0.3897,
0.2456

 75.2207, 0.3123,
0.3297

 22.4160, 0.4094,
0.2366

 88.7031, 0.3055,
0.3427

 19.8672, 0.4303,
0.2318

 93.9107, 0.2999,
0.3399

■ 18.2565, 0.4513,
0.2322

■ 94.5261, 0.2945,
0.3299

■ 17.3782, 0.4717,
0.2375

■ 94.5851, 0.2940,
0.3289

■ 17.3377, 0.4729,
0.2379

Harmonies

Analogous

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



44.2411, 0.2965, 0.2646



44.2411, 0.3420, 0.2865



44.2411, 0.3815, 0.3183

Triad

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



44.2411, 0.3420, 0.2865



44.2411, 0.3660, 0.4075



44.2411, 0.2316, 0.2936

Complementary

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



44.2411, 0.3420, 0.2865



64.1639, 0.2913, 0.3759

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.



44.2411, 0.2474, 0.3347



44.2411, 0.3420, 0.2865



44.2411, 0.3239, 0.4055

Square

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



44.2411, 0.3420, 0.2865



44.2411, 0.3950, 0.3870



44.2411, 0.2806, 0.3778



44.2411, 0.2355, 0.2665

Rectangle

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



44.2411, 0.3420, 0.2865



44.2411, 0.3974, 0.3422



44.2411, 0.2806, 0.3778



44.2411, 0.2347, 0.3062

Sweetspot

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



44.2431, 0.3420, 0.2865



85.5882, 0.3201, 0.3165



40.3552, 0.2839, 0.2486



17.8557, 0.3215, 0.3144



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.



44.2431, 0.3420, 0.2865



53.3862, 0.3497, 0.2779



42.9278, 0.3738, 0.3240



13.8285, 0.3205, 0.3159



10.1167, 0.4699, 0.2362



0.7192, 0.4407, 0.2201

Inverse Universe

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



44.2431, 0.3420, 0.2865



53.3862, 0.3497, 0.2779



65.7202, 0.2727, 0.3342



13.8285, 0.3205, 0.3159



10.1167, 0.4699, 0.2362



0.7192, 0.4407, 0.2201

Previews

White Background



This preview shows how the Yxy color 44.2411, 0.3420, 0.2865 looks on a white background.

Color Contrast Check

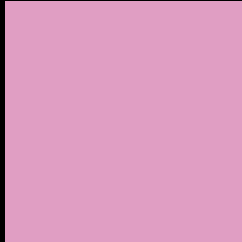
Large Text (above 18pt) WCAG AA × Fail

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 44.2411, 0.3420, 0.2865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

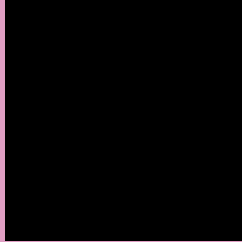
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2411, 0.3420, 0.2865

Background



This preview shows how black text looks on a background with the Yxy color 44.2411, 0.3420, 0.2865.



This preview shows how white text looks on a background with the Yxy color 44.2411, 0.3420, 0.2865.

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

44.2411, 0.3420, 0.2865

Protanopia

44.3263, 0.2855, 0.2889

Deuteranopia

44.5117, 0.3112, 0.3048



Tritanopia

44.2688, 0.3584, 0.3149

Trichromacy



Original Color

44.2411, 0.3420, 0.2865

Protanomaly

43.7641, 0.3042, 0.2866

Deuteranomaly

44.4121, 0.3223, 0.2983

Tritanomaly

44.3967, 0.3519, 0.3044

Monochromacy



Original Color

44.2411, 0.3420, 0.2865

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.3453, 0.3224, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2411, 0.3420, 0.2865 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, 158, 195)` looks like.

```
.text, #text, p{  
    color:rgb(224, 158, 195)  
}
```

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, 158, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 158, 195) }
```

Border

The CSS property to change the border of an element to Yxy 44.2411, 0.3420, 0.2865 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, 158, 195) }
```

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

```
.border{ border-color:rgb(224, 158, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 158, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 158, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 158, 195);  
box-shadow:4px 4px 4px 4px rgb(224, 158,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2411, 0.3420, 0.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 158, 195) }
```

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

```
.background{ background-color: rgb(224,  
158, 195) }
```

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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