

Converting Colors

$Y_{xy}(44.0844, 0.3674, 0.3137)$

Have a look what the booklet for
Yxy(44.0844, 0.3674, 0.3137)
contains.

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Color

Yxy(44.2688, 0.3678, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	E49FAC
RGB	228, 159, 172
RGB Percent	89%, 62%, 67%
CMY	0.1059, 0.3764, 0.3256
CMYK	0.00, 0.30, 0.25, 0.11
HSL	349°, 56%, 76%
HSV	349°, 30%, 89%
XYZ	51.8372, 44.2688, 44.8326
YIQ	181.1130, 36.9510, 18.6710

Conversions

Conversions Part 2

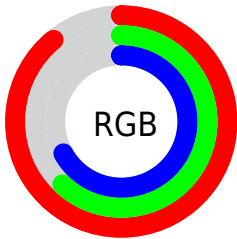
Format	Color
R_{YB}	228, 159, 172
Decimal	14983084
CIE _{Lab}	72.41, 27.44, 3.64
CIE _{LCh}	72, 27.683, 7.549
Yxy	44.2688, 0.3678, 0.3141
Android (android.graphics.Color)	4293173164 (0xFFE49FAC)
YUV	181.1130, -4.4927, 41.1199
Hunter-Lab	66.5348, 22.6333, 6.6235

Details

The Yxy color **44.2688, 0.3678, 0.3141** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.7648, 0.2763, 0.3447**, and the grayscale version is **46.2832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8992, 0.3340, 0.3160**, and **20.5294, 0.3834, 0.3094** is the 20% darker color. If you saturate the color by 10%, you get **36.4764, 0.3950, 0.3091**, and if you desaturate by 10%, it is **53.6106, 0.3456, 0.3192**.

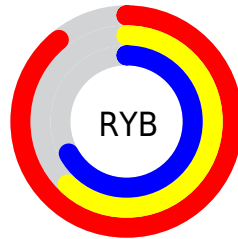
Distribution



Red (89%)

Green (62%)

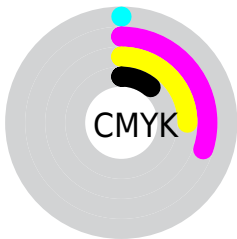
Blue (67%)



Red (89%)

Yellow (62%)

Blue (67%)

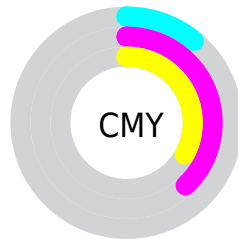


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (11%)



Cyan (11%)


Magenta (38%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2688, 0.3678, 0.3141 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 44.2688, 0.3678, 0.3141 by changing the saturation by 10% instead.


 44.2688, 0.3678,
0.3141

 44.2688, 0.3678,
0.3141


363.8041, 0.3399,
0.3219

 30.8819, 0.3749,
0.3121


 81.6221, 0.3576,
0.3170

 20.5089, 0.3840,
0.3094


 106.3572, 0.3538,
0.3181

 12.7655, 0.3963,
0.3057

135.6439, 0.3505,
0.3190

 7.2673, 0.4136,
0.3003

169.8665, 0.3478,
0.3197

 3.6298, 0.4397,
0.2920

209.4094, 0.3454,
0.3204

 1.4687, 0.4833,
0.2772

254.6570, 0.3433,

 0.2666, 0.7537,

0.3210

0.2170

305.9938, 0.3415,
0.3215

0.0000, 0.0000,
0.0000

44.2688, 0.3678,
0.3141

44.2688, 0.3678,
0.3141

36.4764, 0.3950,
0.3091

53.6106, 0.3456,
0.3192

30.1435, 0.4276,
0.3046

64.5730, 0.3276,
0.3242

25.1805, 0.4655,
0.3015

77.2302, 0.3131,
0.3289

21.4854, 0.5069,
0.3004

91.6500, 0.3013,
0.3332

18.9418, 0.5487,
0.3025

95.2335, 0.2964,
0.3290

■ 17.4114, 0.5857,
0.3079

■ 16.6670, 0.6133,
0.3152

Harmonies

Analogous

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



44.2688, 0.3313, 0.2868



44.2688, 0.3678, 0.3141



44.2688, 0.3890, 0.3460

Triad

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



44.2688, 0.3678, 0.3141



44.2688, 0.3302, 0.3980



44.2688, 0.2421, 0.2772

Complementary

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



44.2688, 0.3678, 0.3141



67.7648, 0.2763, 0.3447

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.



44.2688, 0.2420, 0.3042



44.2688, 0.3678, 0.3141



44.2688, 0.2913, 0.3775

Square

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



44.2688, 0.3678, 0.3141



44.2688, 0.3659, 0.3962



44.2688, 0.2594, 0.3415



44.2688, 0.2596, 0.2655

Rectangle

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



44.2688, 0.3678, 0.3141



44.2688, 0.3909, 0.3667



44.2688, 0.2594, 0.3415



44.2688, 0.2401, 0.2846

Sweetspot

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



44.2709, 0.3678, 0.3141



85.0788, 0.3257, 0.3248



44.7270, 0.3043, 0.2511



17.7306, 0.3280, 0.3241



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.



44.2709, 0.3678, 0.3141



50.8396, 0.3834, 0.3111



51.5209, 0.3736, 0.3531



14.4120, 0.3263, 0.3246



9.6372, 0.6101, 0.3134



0.7248, 0.5710, 0.2919

Inverse Universe

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



44.2709, 0.3678, 0.3141



50.8396, 0.3834, 0.3111



57.7448, 0.2664, 0.3034



14.4120, 0.3263, 0.3246



9.6372, 0.6101, 0.3134



0.7248, 0.5710, 0.2919

Previews

White Background



This preview shows how the Yxy color 44.2688, 0.3678, 0.3141 looks on a white background.

Color Contrast Check

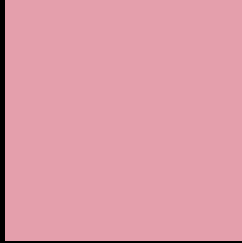
Large Text (above 18pt) WCAG AA × Fail

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 44.2688, 0.3678, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

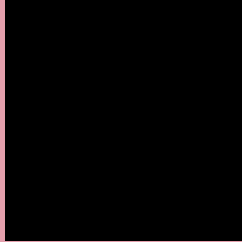
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2688, 0.3678, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 44.2688, 0.3678, 0.3141.



This preview shows how white text looks on a background with the Yxy color 44.2688, 0.3678, 0.3141.

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

44.2688, 0.3678, 0.3141

Protanopia

44.5250, 0.3113, 0.3224

Deuteranopia

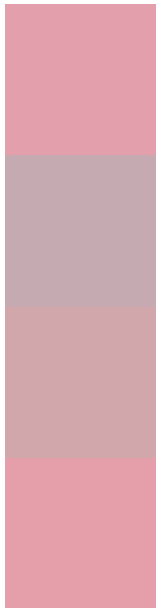
44.4131, 0.3382, 0.3316



Tritanopia

44.2305, 0.3688, 0.3152

Trichromacy



Original Color

44.2688, 0.3678, 0.3141

Protanomaly

43.8341, 0.3306, 0.3189

Deuteranomaly

44.1330, 0.3486, 0.3242

Tritanomaly

44.2305, 0.3688, 0.3152

Monochromacy



Original Color

44.2688, 0.3678, 0.3141

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.1073, 0.3310, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2688, 0.3678, 0.3141 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, 159, 172)` looks like.

```
.text, #text, p{  
    color:rgb(228, 159, 172)  
}
```

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, 159, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 159, 172) }
```

Border

The CSS property to change the border of an element to Yxy 44.2688, 0.3678, 0.3141 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, 159, 172) }
```

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

```
.border{ border-color:rgb(228, 159, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 159, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 159, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 159, 172); box-shadow:4px 4px 4px 4px rgb(228, 159, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2688, 0.3678, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 159, 172) }
```

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

```
.background{ background-color: rgb(228,  
159, 172) }
```

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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