

Converting Colors

$Y_{xy}(44.9228, 0.3333, 0.2724)$

Have a look what the booklet for
Yxy(44.9228, 0.3333, 0.2724)
contains.

Yxy(44.9498, 0.3338, 0.2728)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.9498, 0.3338, 0.2728)

Conversions

Conversions Part 1

Format	Color
Hex	E39DCF
RGB	227, 157, 207
RGB Percent	89%, 62%, 81%
CMY	0.1098, 0.3843, 0.1882
CMYK	0.00, 0.31, 0.09, 0.11
HSL	317°, 56%, 75%
HSV	317°, 31%, 89%
XYZ	55.0009, 44.9498, 64.8213
YIQ	183.6300, 25.6700, 30.3900

Conversions

Conversions Part 2

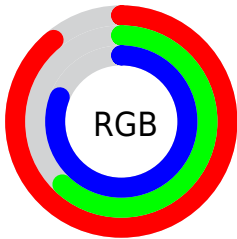
Format	Color
R _Y B	227, 157, 207
Decimal	14917071
CIE Lab	72.86, 33.65, -15.04
CIE LCh	73, 36.856, 335.911
Yxy	44.9498, 0.3338, 0.2728
Android (android.graphics.Color)	4293107151 (0xFFE39DCF)
YUV	183.6300, 11.5214, 38.0355
Hunter-Lab	67.0446, 29.1067, -10.3926

Details

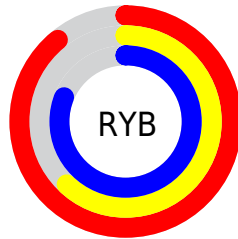
The Yxy color **44.9498, 0.3338, 0.2728** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **65.2829, 0.2967, 0.3928**, and the grayscale version is **47.6444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5670, 0.3147, 0.2871**, and **21.0610, 0.3390, 0.2587** is the 20% darker color. If you saturate the color by 10%, you get **37.6604, 0.3429, 0.2545**, and if you desaturate by 10%, it is **53.6832, 0.3258, 0.2915**.

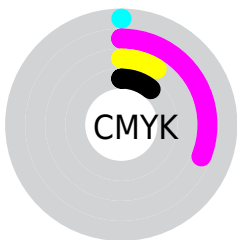
Distribution



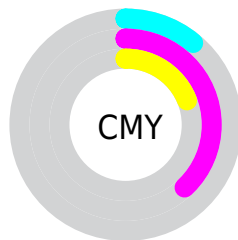
- Red (89%)
- Green (62%)
- Blue (81%)



- Red (89%)
- Yellow (62%)
- Blue (81%)



- Cyan (0%)
- Magenta (31%)
- Yellow (9%)
- Black (11%)





- Cyan (11%)
- Magenta (38%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9498, 0.3338, 0.2728 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 44.9498, 0.3338, 0.2728 by changing the saturation by 10% instead.


 44.9498, 0.3338,
0.2728

 44.9498, 0.3338,
0.2728


366.5702, 0.3238,
0.2997

 31.4179, 0.3361,
0.2664


 82.6451, 0.3303,
0.2823

 20.9173, 0.3390,
0.2585


 107.5772, 0.3289,
0.2860

 13.0635, 0.3427,
0.2482


137.0783, 0.3278,
0.2891

 7.4723, 0.3476,
0.2345

171.5325, 0.3268,
0.2918

 3.7592, 0.3543,
0.2153

211.3245, 0.3259,
0.2941

 1.5398, 0.3640,
0.1868

256.8385, 0.3251,

 0.3165, 0.3933,

0.2962

0.1078

308.4589, 0.3244,
0.2981

0.0000, 0.2682,
0.0000

0.0000, 0.0000,
0.0000

44.9498, 0.3338,
0.2728

44.9498, 0.3338,
0.2728

37.6604, 0.3429,
0.2545

53.6832, 0.3258,
0.2915

31.7296, 0.3531,
0.2375

63.9278, 0.3190,
0.3099

27.0724, 0.3642,
0.2227

75.7537, 0.3132,
0.3276

23.5916, 0.3760,
0.2112

89.2251, 0.3082,
0.3443

■ 21.1761, 0.3880,
0.2041

■ 94.1088, 0.3044,
0.3448

■ 19.6929, 0.4000,
0.2018

■ 94.4996, 0.3008,
0.3381

■ 18.9475, 0.4106,
0.2035

■ 94.9044, 0.2972,
0.3316

■ 95.0718, 0.2958,
0.3290

Harmonies

Analogous

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



44.9498, 0.2817, 0.2514



44.9498, 0.3338, 0.2728



44.9498, 0.3835, 0.3067

Triad

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



44.9498, 0.3338, 0.2728



44.9498, 0.3841, 0.4164



44.9498, 0.2216, 0.2974

Complementary

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



44.9498, 0.3338, 0.2728



65.2829, 0.2967, 0.3928

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.



44.9498, 0.2445, 0.3479



44.9498, 0.3338, 0.2728



44.9498, 0.3374, 0.4225

Square

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



44.9498, 0.3338, 0.2728



44.9498, 0.4128, 0.3869



44.9498, 0.2863, 0.3968



44.9498, 0.2207, 0.2619

Rectangle

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



44.9498, 0.3338, 0.2728



44.9498, 0.4065, 0.3334



44.9498, 0.2863, 0.3968



44.9498, 0.2268, 0.3131

Sweetspot

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



44.9518, 0.3338, 0.2728



85.8066, 0.3179, 0.3131



38.9882, 0.2736, 0.2423



17.9096, 0.3188, 0.3104



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.



44.9518, 0.3338, 0.2728



52.2326, 0.3395, 0.2610



43.4309, 0.3672, 0.3115



14.5414, 0.3181, 0.3124



11.0707, 0.4089, 0.2026



0.8339, 0.3931, 0.1939

Inverse Universe

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



44.9518, 0.3338, 0.2728



52.2326, 0.3395, 0.2610



66.8545, 0.2767, 0.3475



14.5414, 0.3181, 0.3124



11.0707, 0.4089, 0.2026



0.8339, 0.3931, 0.1939

Previews

White Background



This preview shows how the Yxy color 44.9498, 0.3338, 0.2728 looks on a white background.

Color Contrast Check

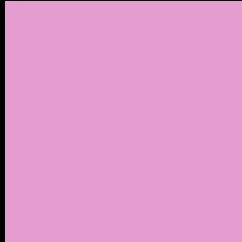
Large Text (above 18pt) WCAG AA × Fail

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 44.9498, 0.3338, 0.2728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

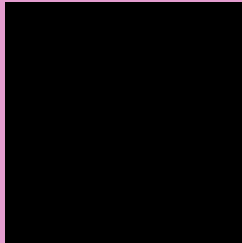
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9498, 0.3338, 0.2728

Background



This preview shows how black text looks on a background with the Yxy color 44.9498, 0.3338, 0.2728.



This preview shows how white text looks on a background with the Yxy color 44.9498, 0.3338, 0.2728.

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

44.9498, 0.3338, 0.2728

Protanopia

45.0998, 0.2736, 0.2734

Deuteranopia

45.3339, 0.2983, 0.2925



Tritanopia

44.9775, 0.3591, 0.3150

Trichromacy



Original Color

44.9498, 0.3338, 0.2728

Protanomaly

44.6545, 0.2932, 0.2728

Deuteranomaly

44.6924, 0.3104, 0.2840

Tritanomaly

44.9249, 0.3490, 0.2989

Monochromacy



Original Color

44.9498, 0.3338, 0.2728

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.3572, 0.3208, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9498, 0.3338, 0.2728 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(227, 157, 207)` looks like.

```
.text, #text, p{  
    color:rgb(227, 157, 207)  
}
```

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(227, 157, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 157, 207) }
```

Border

The CSS property to change the border of an element to Yxy 44.9498, 0.3338, 0.2728 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(227, 157, 207) }
```

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

```
.border{ border-color:rgb(227, 157, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 157, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 157, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 157, 207);  
box-shadow:4px 4px 4px 4px rgb(227, 157,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9498, 0.3338, 0.2728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 157, 207) }
```

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

```
.background{ background-color: rgb(227,  
157, 207) }
```

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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