

Converting Colors

$Yxy(44.8840, 0.3493, 0.2837)$

Have a look what the booklet for
Yxy(44.8840, 0.3493, 0.2837)
contains.

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Color

Yxy(45.0861, 0.3498, 0.2844)

Conversions

Conversions Part 1

Format	Color
Hex	E99CC4
RGB	233, 156, 196
RGB Percent	91%, 61%, 77%
CMY	0.0863, 0.3882, 0.2315
CMYK	0.00, 0.33, 0.16, 0.09
HSL	329°, 64%, 76%
HSV	329°, 33%, 91%
XYZ	55.4540, 45.0861, 57.9905
YIQ	183.5830, 33.0520, 28.7640

Conversions

Conversions Part 2

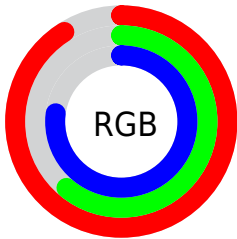
Format	Color
R _Y B	233, 156, 196
Decimal	15310020
CIE Lab	72.95, 34.40, -8.76
CIE LCh	73, 35.498, 345.717
Yxy	45.0861, 0.3498, 0.2844
Android (android.graphics.Color)	4293500100 (0xFFE99CC4)
YUV	183.5830, 6.1216, 43.3387
Hunter-Lab	67.1462, 29.9119, -4.2032

Details

The Yxy color **45.0861, 0.3498, 0.2844** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **69.1978, 0.2872, 0.3787**, and the grayscale version is **47.6438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9404, 0.3161, 0.2879**, and **20.8836, 0.3604, 0.2723** is the 20% darker color. If you saturate the color by 10%, you get **37.5124, 0.3658, 0.2708**, and if you desaturate by 10%, it is **54.2018, 0.3362, 0.2984**.

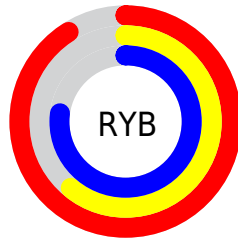
Distribution



Red (91%)

Green (61%)

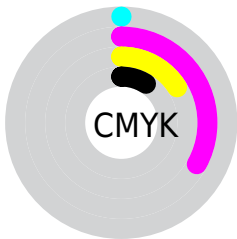
Blue (77%)



Red (91%)

Yellow (61%)

Blue (77%)

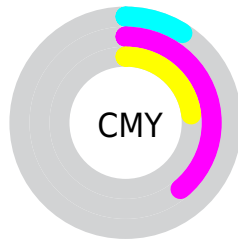


Cyan (0%)

Magenta (33%)

Yellow (16%)

Black (9%)



Cyan (9%)

Magenta (39%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0861, 0.3498, 0.2844 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 45.0861, 0.3498, 0.2844 by changing the saturation by 10% instead.


 45.0861, 0.3498,
0.2844


 45.0861, 0.3498,
0.2844


367.1222, 0.3316,
0.3060

 31.5252, 0.3543,
0.2792


 82.8496, 0.3432,
0.2921

 20.9991, 0.3599,
0.2726


 107.8210, 0.3408,
0.2950

 13.1234, 0.3674,
0.2641


137.3648, 0.3386,
0.2976

 7.5136, 0.3777,
0.2526

171.8653, 0.3368,
0.2997

 3.7853, 0.3926,
0.2361

211.7068, 0.3353,
0.3016

 1.5542, 0.4161,
0.2109

257.2739, 0.3339,

 0.3264, 0.4789,

0.3033

0.1314

308.9509, 0.3326,
0.3047

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.0861, 0.3498,
0.2844

45.0861, 0.3498,
0.2844

37.5124, 0.3658,
0.2708

54.2018, 0.3362,
0.2984

31.3877, 0.3844,
0.2583

64.9333, 0.3248,
0.3121

26.6183, 0.4053,
0.2480

77.3571, 0.3153,
0.3252

23.0971, 0.4281,
0.2413

91.5429, 0.3074,
0.3375

■ 20.7004, 0.4517,
0.2393

■ 95.8716, 0.3010,
0.3319

■ 19.2787, 0.4751,
0.2427

■ 96.0635, 0.2993,
0.3290

■ 18.7029, 0.4908,
0.2478

Harmonies

Analogous

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



45.0861, 0.2986, 0.2591



45.0861, 0.3498, 0.2844



45.0861, 0.3930, 0.3200

Triad

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



45.0861, 0.3498, 0.2844



45.0861, 0.3682, 0.4181



45.0861, 0.2221, 0.2855

Complementary

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



45.0861, 0.3498, 0.2844



69.1978, 0.2872, 0.3787

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.



45.0861, 0.2375, 0.3306



45.0861, 0.3498, 0.2844



45.0861, 0.3203, 0.4140

Square

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



45.0861, 0.3498, 0.2844



45.0861, 0.4028, 0.3960



45.0861, 0.2726, 0.3803



45.0861, 0.2283, 0.2574

Rectangle

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



45.0861, 0.3498, 0.2844



45.0861, 0.4094, 0.3465



45.0861, 0.2726, 0.3803



45.0861, 0.2248, 0.2990

Sweetspot

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



45.0882, 0.3498, 0.2844



84.0310, 0.3217, 0.3161



40.8617, 0.2816, 0.2381



17.5426, 0.3231, 0.3142



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.



45.0882, 0.3498, 0.2844



48.4964, 0.3610, 0.2746



43.5922, 0.3871, 0.3263



15.1847, 0.3212, 0.3168



10.6378, 0.4875, 0.2459



0.8548, 0.4581, 0.2297

Inverse Universe

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



45.0882, 0.3498, 0.2844



48.4964, 0.3610, 0.2746



71.0836, 0.2671, 0.3319



15.1847, 0.3212, 0.3168



10.6378, 0.4875, 0.2459



0.8548, 0.4581, 0.2297

Previews

White Background



This preview shows how the Yxy color 45.0861, 0.3498, 0.2844 looks on a white background.

Color Contrast Check

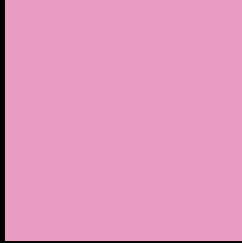
Large Text (above 18pt) WCAG AA × Fail

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 45.0861, 0.3498, 0.2844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

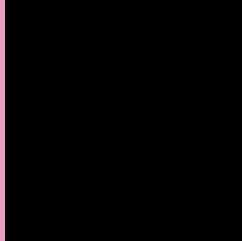
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0861, 0.3498, 0.2844

Background



This preview shows how black text looks on a background with the Yxy color 45.0861, 0.3498, 0.2844.



This preview shows how white text looks on a background with the Yxy color 45.0861, 0.3498, 0.2844.

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

45.0861, 0.3498, 0.2844

Protanopia

45.3782, 0.2843, 0.2880

Deuteranopia

45.1987, 0.3121, 0.3050



Tritanopia

44.9432, 0.3694, 0.3153

Trichromacy



Original Color

45.0861, 0.3498, 0.2844



Protanomaly

44.7593, 0.3060, 0.2859



Deuteranomaly

44.6543, 0.3251, 0.2962



Tritanomaly

45.1214, 0.3618, 0.3040

Monochromacy



Original Color

45.0861, 0.3498, 0.2844



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

46.4595, 0.3259, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0861, 0.3498, 0.2844 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(233, 156, 196)` looks like.

```
.text, #text, p{  
    color:rgb(233, 156, 196)  
}
```

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(233, 156, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 156, 196) }
```

Border

The CSS property to change the border of an element to Yxy 45.0861, 0.3498, 0.2844 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(233, 156, 196) }
```

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

```
.border{ border-color:rgb(233, 156, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 156, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 156, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 156, 196);  
box-shadow:4px 4px 4px 4px rgb(233, 156,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0861, 0.3498, 0.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 156, 196) }
```

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

```
.background{ background-color: rgb(233,  
156, 196) }
```

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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