

Converting Colors

$Y_{xy}(44.3773, 0.3216, 0.2559)$

Have a look what the booklet for
Yxy(44.3773, 0.3216, 0.2559)
contains.

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Color

Yxy(44.4473, 0.3216, 0.2560)

Conversions

Conversions Part 1

Format	Color
Hex	E29ADC
RGB	226, 154, 220
RGB Percent	89%, 60%, 86%
CMY	0.1137, 0.3961, 0.1373
CMYK	0.00, 0.32, 0.03, 0.11
HSL	305°, 55%, 75%
HSV	305°, 32%, 89%
XYZ	55.8369, 44.4473, 73.3380
YIQ	183.0520, 21.7260, 35.7900

Conversions

Conversions Part 2

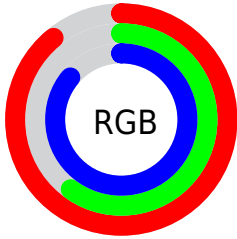
Format	Color
R _{YB}	226, 154, 220
Decimal	14850780
CIE Lab	72.53, 37.18, -22.68
CIE LCh	73, 43.553, 328.612
Yxy	44.4473, 0.3216, 0.2560
Android (android.graphics.Color)	4293040860 (0xFFE29ADC)
YUV	183.0520, 18.2154, 37.6654
Hunter-Lab	66.6688, 32.8281, -18.5529

Details

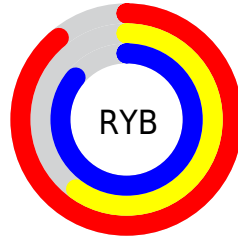
The Yxy color **44.4473, 0.3216, 0.2560** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.8035, 0.3048, 0.4149**, and the grayscale version is **47.2744, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0809, 0.3148, 0.2841**, and **20.7654, 0.3232, 0.2387** is the 20% darker color. If you saturate the color by 10%, you get **37.5784, 0.3249, 0.2339**, and if you desaturate by 10%, it is **52.7257, 0.3185, 0.2791**.

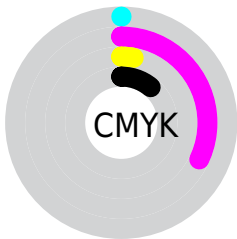
Distribution



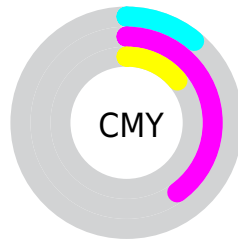
- Red (89%)
- Green (60%)
- Blue (86%)



- Red (89%)
- Yellow (60%)
- Blue (86%)



- Cyan (0%)
- Magenta (32%)
- Yellow (3%)
- Black (11%)




- Cyan (11%)
- Magenta (40%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4473, 0.3216, 0.2560 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 44.4473, 0.3216, 0.2560 by changing the saturation by 10% instead.


 44.4473, 0.3216,
0.2560

 44.4473, 0.3216,
0.2560

364.5305, 0.3181,
0.2905

 31.0223, 0.3222,
0.2480


 81.8904, 0.3205,
0.2681

 20.6158, 0.3229,
0.2381


 106.6773, 0.3200,
0.2727

 12.8435, 0.3236,
0.2254


136.0203, 0.3196,
0.2767

 7.3209, 0.3242,
0.2088

170.3038, 0.3192,
0.2802

 3.6636, 0.3244,
0.1862

209.9121, 0.3189,
0.2833

 1.4872, 0.3232,
0.1539

255.2298, 0.3186,

 0.2797, 0.3279,

0.2859

0.0752

306.6411, 0.3183,
0.2883

0.0000, 0.1504,
0.0000

0.0000, 0.0000,
0.0000

44.4473, 0.3216,
0.2560

44.4473, 0.3216,
0.2560

37.5784, 0.3249,
0.2339

52.7257, 0.3185,
0.2791

32.0340, 0.3283,
0.2136

62.4804, 0.3157,
0.3023

27.7294, 0.3318,
0.1962

73.7814, 0.3132,
0.3249

24.5672, 0.3351,
0.1825

86.6920, 0.3109,
0.3465

■ 22.4360, 0.3383,
0.1731

■ 93.3702, 0.3094,
0.3552

■ 21.2018, 0.3412,
0.1680

■ 93.4765, 0.3083,
0.3532

■ 20.6803, 0.3434,
0.1665

■ 93.5840, 0.3072,
0.3512

■ 93.6926, 0.3062,
0.3493

■ 93.8023, 0.3051,
0.3473

Harmonies

Analogous

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



44.4473, 0.2627, 0.2356



44.4473, 0.3216, 0.2560



44.4473, 0.3837, 0.2919

Triad

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



44.4473, 0.3216, 0.2560



44.4473, 0.4068, 0.4245



44.4473, 0.2104, 0.3038

Complementary

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



44.4473, 0.3216, 0.2560



63.8035, 0.3048, 0.4149

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.



44.4473, 0.2423, 0.3667



44.4473, 0.3216, 0.2560



44.4473, 0.3551, 0.4422

Square

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



44.4473, 0.3216, 0.2560



44.4473, 0.4345, 0.3844



44.4473, 0.2948, 0.4218



44.4473, 0.2036, 0.2574

Rectangle

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



44.4473, 0.3216, 0.2560



44.4473, 0.4158, 0.3214



44.4473, 0.2948, 0.4218



44.4473, 0.2183, 0.3238

Sweetspot

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



44.4493, 0.3216, 0.2560



84.6593, 0.3152, 0.3064



36.0787, 0.2606, 0.2363



17.6951, 0.3156, 0.3031



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.



44.4493, 0.3216, 0.2560



52.4575, 0.3237, 0.2417



42.7435, 0.3552, 0.2944



13.9149, 0.3151, 0.3078



11.8064, 0.3430, 0.1663



0.8243, 0.3392, 0.1642

Inverse Universe

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



44.4493, 0.3216, 0.2560



52.4575, 0.3237, 0.2417



65.2505, 0.2838, 0.3668



13.9149, 0.3151, 0.3078



11.8064, 0.3430, 0.1663



0.8243, 0.3392, 0.1642

Previews

White Background



This preview shows how the Yxy color 44.4473, 0.3216, 0.2560 looks on a white background.

Color Contrast Check

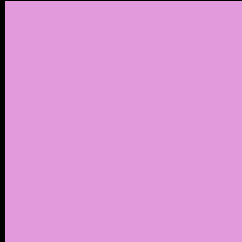
Large Text (above 18pt) WCAG AA × Fail

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 44.4473, 0.3216, 0.2560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

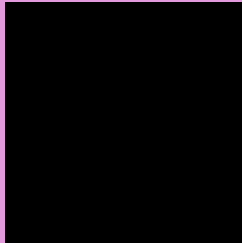
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4473, 0.3216, 0.2560

Background



This preview shows how black text looks on a background with the Yxy color 44.4473, 0.3216, 0.2560.

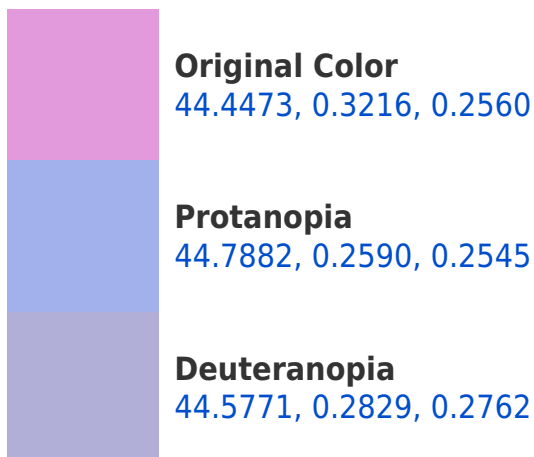


This preview shows how white text looks on a background with the Yxy color 44.4473, 0.3216, 0.2560.

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





Tritanopia

44.5052, 0.3562, 0.3149

Trichromacy



Original Color

44.4473, 0.3216, 0.2560



Protanomaly

44.0327, 0.2789, 0.2543



Deuteranomaly

44.2493, 0.2966, 0.2686



Tritanomaly

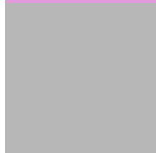
44.4328, 0.3435, 0.2930

Monochromacy



Original Color

44.4473, 0.3216, 0.2560



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.6327, 0.3167, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4473, 0.3216, 0.2560 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, 154, 220)` looks like.

```
.text, #text, p{  
    color:rgb(226, 154, 220)  
}
```

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, 154, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 154, 220) }
```

Border

The CSS property to change the border of an element to Yxy 44.4473, 0.3216, 0.2560 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, 154, 220) }
```

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

```
.border{ border-color:rgb(226, 154, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 154, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 154, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 154, 220);  
box-shadow:4px 4px 4px 4px rgb(226, 154,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4473, 0.3216, 0.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 154, 220) }
```

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

```
.background{ background-color: rgb(226,  
154, 220) }
```

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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