

Converting Colors

$Y_{xy}(50.4808, 0.3303, 0.2709)$

Have a look what the booklet for
Yxy(50.4808, 0.3303, 0.2709)
contains.

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Color

Yxy(50.4443, 0.3303, 0.2710)

Conversions

Conversions Part 1

Format	Color
Hex	EDA6DC
RGB	237, 166, 220
RGB Percent	93%, 65%, 86%
CMY	0.0706, 0.3490, 0.1372
CMYK	0.00, 0.30, 0.07, 0.07
HSL	314°, 66%, 79%
HSV	314°, 30%, 93%
XYZ	61.4825, 50.4443, 74.2145
YIQ	193.3850, 24.9820, 31.8460

Conversions

Conversions Part 2

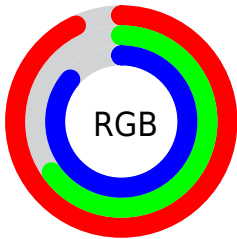
Format	Color
R _Y B	237, 166, 220
Decimal	15574748
CIE Lab	76.34, 34.40, -16.80
CIE LCh	76, 38.284, 333.967
Yxy	50.4443, 0.3303, 0.2710
Android (android.graphics.Color)	4293764828 (0xFFEDA6DC)
YUV	193.3850, 13.1212, 38.2504
Hunter-Lab	71.0242, 30.2273, -12.2364

Details

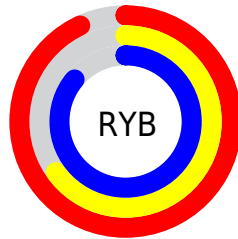
The Yxy color **50.4443, 0.3303, 0.2710** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **72.0988, 0.2990, 0.3951**, and the grayscale version is **53.4787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7226, 0.3142, 0.2970**, and **24.2302, 0.3340, 0.2568** is the 20% darker color. If you saturate the color by 10%, you get **42.3137, 0.3379, 0.2516**, and if you desaturate by 10%, it is **60.1773, 0.3236, 0.2908**.

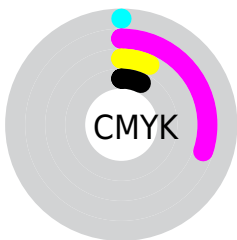
Distribution



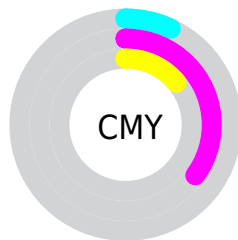
- Red (93%)
- Green (65%)
- Blue (86%)



- Red (93%)
- Yellow (65%)
- Blue (86%)



- Cyan (0%)
- Magenta (30%)
- Yellow (7%)
- Black (7%)





- Cyan (7%)
- Magenta (35%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4443, 0.3303, 0.2710 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 50.4443, 0.3303, 0.2710 by changing the saturation by 10% instead.

 50.4443, 0.3303,
0.2710

 50.4443, 0.3303,
0.2710


388.4009, 0.3223,
0.2982

 35.7666, 0.3321,
0.2647


 90.8328, 0.3275,
0.2805

 24.2540, 0.3343,
0.2569


 117.3124, 0.3265,
0.2842

 15.5221, 0.3370,
0.2471


148.4947, 0.3255,
0.2873

 9.1866, 0.3406,
0.2341

184.7641, 0.3247,
0.2901

 4.8631, 0.3452,
0.2163

226.5050, 0.3240,
0.2925

 2.1672, 0.3514,
0.1908

274.1019, 0.3234,

 0.7020, 0.3609,

0.2946

0.1492

327.9390, 0.3228,
0.2965

0.0000, 0.3827,
0.0000

0.0000, 0.0000,
0.0000

50.4443, 0.3303,
0.2710

50.4443, 0.3303,
0.2710

42.3137, 0.3379,
0.2516

60.1773, 0.3236,
0.2908

35.6913, 0.3464,
0.2335

71.5868, 0.3177,
0.3103

30.4835, 0.3556,
0.2177

84.7502, 0.3127,
0.3291

26.5835, 0.3652,
0.2052

95.9791, 0.3086,
0.3412

■ 23.8691, 0.3750,
0.1970

■ 96.3266, 0.3054,
0.3355

■ 22.1950, 0.3846,
0.1935

■ 96.6848, 0.3023,
0.3299

■ 21.3157, 0.3938,
0.1943

■ 96.7459, 0.3017,
0.3290

■ 21.3127, 0.3938,
0.1943

Harmonies

Analogous

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



50.4443, 0.2787, 0.2506



50.4443, 0.3303, 0.2710



50.4443, 0.3807, 0.3043

Triad

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



50.4443, 0.3303, 0.2710



50.4443, 0.3866, 0.4150



50.4443, 0.2224, 0.3003

Complementary

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



50.4443, 0.3303, 0.2710



72.0988, 0.2990, 0.3951

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.



50.4443, 0.2467, 0.3513



50.4443, 0.3303, 0.2710



50.4443, 0.3407, 0.4230

Square

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



50.4443, 0.3303, 0.2710



50.4443, 0.4138, 0.3845



50.4443, 0.2894, 0.3994



50.4443, 0.2202, 0.2636

Rectangle

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



50.4443, 0.3303, 0.2710



50.4443, 0.4047, 0.3307



50.4443, 0.2894, 0.3994



50.4443, 0.2281, 0.3163

Sweetspot

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



50.4466, 0.3303, 0.2710



85.8726, 0.3172, 0.3121



43.4021, 0.2721, 0.2442



17.9259, 0.3180, 0.3093



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.



50.4466, 0.3303, 0.2710



53.4103, 0.3349, 0.2589



48.7787, 0.3619, 0.3080



15.2485, 0.3174, 0.3113



11.6566, 0.3924, 0.1935



0.9301, 0.3804, 0.1869

Inverse Universe

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



50.4466, 0.3303, 0.2710



53.4103, 0.3349, 0.2589



73.7458, 0.2795, 0.3513



15.2485, 0.3174, 0.3113



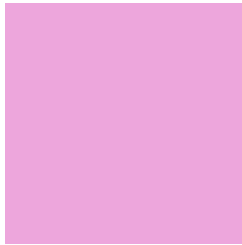
11.6566, 0.3924, 0.1935



0.9301, 0.3804, 0.1869

Previews

White Background



This preview shows how the Yxy color 50.4443, 0.3303, 0.2710 looks on a white background.

Color Contrast Check

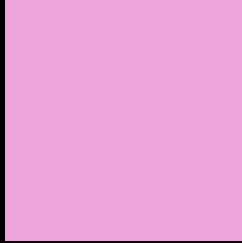
Large Text (above 18pt) WCAG AA × Fail

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 50.4443, 0.3303, 0.2710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

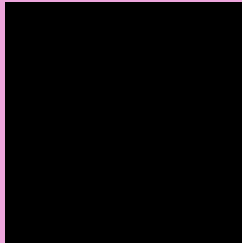
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4443, 0.3303, 0.2710

Background



This preview shows how black text looks on a background with the Yxy color 50.4443, 0.3303, 0.2710.



This preview shows how white text looks on a background with the Yxy color 50.4443, 0.3303, 0.2710.

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

50.4443, 0.3303, 0.2710

Protanopia

50.8283, 0.2720, 0.2725

Deuteranopia

50.7601, 0.2960, 0.2894



Tritanopia

50.3739, 0.3559, 0.3134

Trichromacy



Original Color

50.4443, 0.3303, 0.2710



Protanomaly

50.0395, 0.2912, 0.2708



Deuteranomaly

50.2079, 0.3082, 0.2816



Tritanomaly

50.3191, 0.3464, 0.2980

Monochromacy



Original Color

50.4443, 0.3303, 0.2710



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.7341, 0.3189, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4443, 0.3303, 0.2710 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(237, 166, 220)` looks like.

```
.text, #text, p{  
    color:rgb(237, 166, 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(237, 166, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 166, 220) }
```

Border

The CSS property to change the border of an element to Yxy 50.4443, 0.3303, 0.2710 is called "border". The border property can be set on classes, ids or directly on the HTML element.

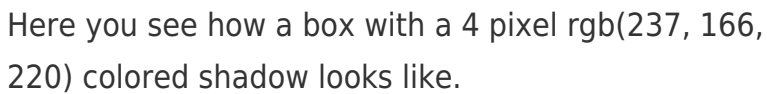
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 166, 220) }
```

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

```
.border{ border-color:rgb(237, 166, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 166, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 166, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 166, 220); box-shadow:4px 4px 4px 4px rgb(237, 166, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4443, 0.3303, 0.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 166, 220) }
```

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

```
.background{ background-color: rgb(237,  
166, 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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