

Converting Colors

$Y_{xy}(48.1304, 0.3423, 0.2796)$

Have a look what the booklet for
Yxy(48.1304, 0.3423, 0.2796)
contains.

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Color

Yxy(48.3502, 0.3422, 0.2800)

Conversions

Conversions Part 1

Format	Color
Hex	EDA2CF
RGB	237, 162, 207
RGB Percent	93%, 64%, 81%
CMY	0.0708, 0.3646, 0.1883
CMYK	0.00, 0.32, 0.13, 0.07
HSL	324°, 67%, 78%
HSV	324°, 32%, 93%
XYZ	59.0909, 48.3502, 65.2382
YIQ	189.5550, 30.2550, 29.8950

Conversions

Conversions Part 2

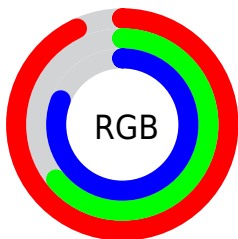
Format	Color
R _Y B	237, 162, 207
Decimal	15573711
CIE Lab	75.05, 34.30, -11.63
CIE LCh	75, 36.223, 341.267
Yxy	48.3502, 0.3422, 0.2800
Android (android.graphics.Color)	4293763791 (0xFFEDA2CF)
YUV	189.5550, 8.6004, 41.6093
Hunter-Lab	69.5343, 30.0058, -6.9528

Details

The Yxy color **48.3502, 0.3422, 0.2800** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **72.0241, 0.2915, 0.3839**, and the grayscale version is **51.1608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **22.9405, 0.3495, 0.2669** is the 20% darker color. If you saturate the color by 10%, you get **40.3245, 0.3551, 0.2643**, and if you desaturate by 10%, it is **57.9808, 0.3311, 0.2960**.

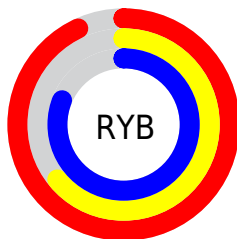
Distribution



Red (93%)

Green (64%)

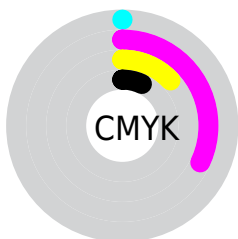
Blue (81%)



Red (93%)

Yellow (64%)

Blue (81%)

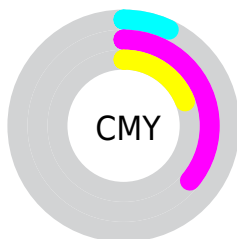


Cyan (0%)

Magenta (32%)

Yellow (13%)

Black (7%)



Cyan (7%)


Magenta (36%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3502, 0.3422, 0.2800 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 48.3502, 0.3422, 0.2800 by changing the saturation by 10% instead.


 48.3502, 0.3422,
0.2800

 48.3502, 0.3422,
0.2800


380.1786, 0.3280,
0.3033

 34.1043, 0.3456,
0.2745


 87.7256, 0.3372,
0.2882

 22.9737, 0.3498,
0.2676

 113.6239, 0.3353,
0.2914

 14.5741, 0.3553,
0.2588


144.1751, 0.3336,
0.2941

 8.5210, 0.3626,
0.2470

179.7636, 0.3322,
0.2964

 4.4301, 0.3730,
0.2306

220.7738, 0.3310,
0.2985

 1.9170, 0.3887,
0.2062

267.5901, 0.3299,

 0.5585, 0.4195,

0.3003

0.1577

320.5969, 0.3289,
0.3019

0.0000, 0.5940,
0.0000

0.0000, 0.0000,
0.0000

48.3502, 0.3422,
0.2800

48.3502, 0.3422,
0.2800

40.3245, 0.3551,
0.2643

57.9808, 0.3311,
0.2960

33.8081, 0.3699,
0.2498

69.2919, 0.3217,
0.3117

28.7055, 0.3865,
0.2374

82.3619, 0.3139,
0.3267

24.9072, 0.4043,
0.2284

96.0998, 0.3074,
0.3390

■ 22.2876, 0.4229,
0.2239

■ 96.6932, 0.3020,
0.3296

■ 20.6960, 0.4415,
0.2247

■ 96.7341, 0.3017,
0.3290

■ 19.9524, 0.4566,
0.2289

Harmonies

Analogous

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



48.3502, 0.2914, 0.2568



48.3502, 0.3422, 0.2800



48.3502, 0.3875, 0.3144

Triad

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



48.3502, 0.3422, 0.2800



48.3502, 0.3743, 0.4159



48.3502, 0.2232, 0.2914

Complementary

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



48.3502, 0.3422, 0.2800



72.0241, 0.2915, 0.3839

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.



48.3502, 0.2417, 0.3381



48.3502, 0.3422, 0.2800



48.3502, 0.3277, 0.4163

Square

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



48.3502, 0.3422, 0.2800



48.3502, 0.4057, 0.3911



48.3502, 0.2793, 0.3866



48.3502, 0.2262, 0.2605

Rectangle

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



48.3502, 0.3422, 0.2800



48.3502, 0.4065, 0.3406



48.3502, 0.2793, 0.3866



48.3502, 0.2270, 0.3057

Sweetspot

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



48.3524, 0.3422, 0.2800



85.6442, 0.3196, 0.3156



43.0091, 0.2782, 0.2411



17.8695, 0.3208, 0.3134



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.



48.3524, 0.3422, 0.2800



50.7184, 0.3504, 0.2697



46.7800, 0.3766, 0.3194



15.2058, 0.3199, 0.3150



10.9262, 0.4538, 0.2273



0.8769, 0.4304, 0.2144

Inverse Universe

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



48.3524, 0.3422, 0.2800



50.7184, 0.3504, 0.2697



73.8312, 0.2719, 0.3391



15.2058, 0.3199, 0.3150



10.9262, 0.4538, 0.2273



0.8769, 0.4304, 0.2144

Previews

White Background



This preview shows how the Yxy color 48.3502, 0.3422, 0.2800 looks on a white background.

Color Contrast Check

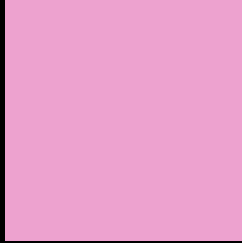
Large Text (above 18pt) WCAG AA × Fail

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 48.3502, 0.3422, 0.2800 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 48.3502, 0.3422, 0.2800

Background



This preview shows how black text looks on a background with the Yxy color 48.3502, 0.3422, 0.2800.



This preview shows how white text looks on a background with the Yxy color 48.3502, 0.3422, 0.2800.

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

48.3502, 0.3422, 0.2800

Protanopia

48.8485, 0.2802, 0.2832

Deuteranopia

48.6043, 0.3065, 0.2996



Tritanopia

48.4251, 0.3636, 0.3145

Trichromacy



Original Color

48.3502, 0.3422, 0.2800



Protanomaly

48.1506, 0.3007, 0.2813



Deuteranomaly

47.9966, 0.3188, 0.2913



Tritanomaly

48.2901, 0.3556, 0.3012

Monochromacy



Original Color

48.3502, 0.3422, 0.2800



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

49.8934, 0.3230, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3502, 0.3422, 0.2800 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, 162, 207)` looks like.

```
.text, #text, p{  
    color:rgb(237, 162, 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(237, 162, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 162, 207) }
```

Border

The CSS property to change the border of an element to Yxy 48.3502, 0.3422, 0.2800 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, 162, 207) }
```

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

```
.border{ border-color:rgb(237, 162, 207) }
```

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

Here you see how a box with a 4 pixel rgb(237, 162, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 162, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 162, 207);  
box-shadow:4px 4px 4px 4px rgb(237, 162,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3502, 0.3422, 0.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 162, 207) }
```

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

```
.background{ background-color: rgb(237,  
162, 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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