

Converting Colors

$Y_{xy}(21.7585, 0.4806, 0.2911)$

Have a look what the booklet for
Yxy(21.7585, 0.4806, 0.2911)
contains.

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Color

Yxy(21.7382, 0.4809, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	E0496E
RGB	224, 73, 110
RGB Percent	88%, 29%, 43%
CMY	0.1216, 0.7137, 0.5686
CMYK	0.00, 0.67, 0.51, 0.12
HSL	345°, 71%, 58%
HSV	345°, 67%, 88%
XYZ	35.9364, 21.7382, 17.0528
YIQ	122.3670, 78.1190, 43.5190

Conversions

Conversions Part 2

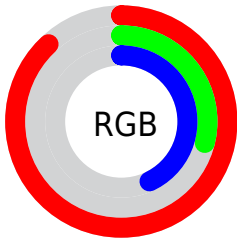
Format	Color
R_{YB}	224, 73, 110
Decimal	14698862
CIE _{Lab}	53.75, 60.91, 12.45
CIE _{LCh}	54, 62.171, 11.551
Yxy	21.7382, 0.4809, 0.2909
Android (android.graphics.Color)	4292888942 (0xFFE0496E)
YUV	122.3670, -6.0969, 89.1321
Hunter-Lab	46.6242, 55.9894, 10.9517

Details

The Yxy color **21.7382, 0.4809, 0.2909** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **58.3144, 0.2509, 0.3813**, and the grayscale version is **19.5916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.7985, 0.4156, 0.2972**, and **8.1454, 0.5410, 0.2754** is the 20% darker color. If you saturate the color by 10%, you get **18.9726, 0.5204, 0.2914**, and if you desaturate by 10%, it is **25.6359, 0.4433, 0.2937**.

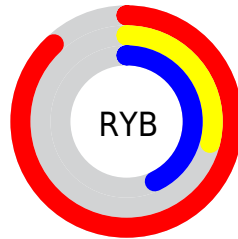
Distribution



Red (88%)

Green (29%)

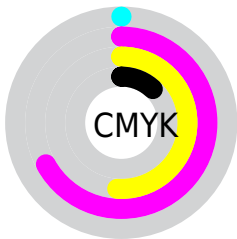
Blue (43%)



Red (88%)

Yellow (29%)

Blue (43%)

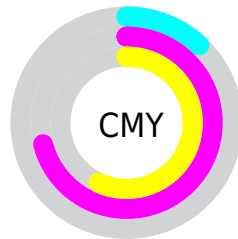


Cyan (0%)

Magenta (67%)

Yellow (51%)

Black (12%)



Cyan (12%)

Magenta (71%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.7382, 0.4809, 0.2909 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 21.7382, 0.4809, 0.2909 by changing the saturation by 10% instead.


 21.7382, 0.4809,
0.2909


 21.7382, 0.4809,
0.2909


261.1760, 0.3862,
0.3151


 13.6647, 0.5081,
0.2827


 46.3129, 0.4439,
0.3012


 7.8878, 0.5450,
0.2708


 63.5829, 0.4308,
0.3046


 4.0232, 0.5972,
0.2523

 84.6871, 0.4200,
0.3073

 1.6866, 0.6753,
0.2214

 110.0100, 0.4110,
0.3094

 0.4149, 0.8509,
0.1491

 139.9359, 0.4034,
0.3112

 0.0000, 1.0000,
0.0000

174.8493, 0.3968,

 0.0000, 0.0000,

0.3127

0.0000

215.1346, 0.3912,
0.3140

■ 21.7382, 0.4809,
0.2909

■ 21.7382, 0.4809,
0.2909

■ 18.9726, 0.5204,
0.2914

■ 25.6359, 0.4433,
0.2937

■ 17.2116, 0.5583,
0.2959

■ 30.7680, 0.4098,
0.2987


■ 16.2913, 0.5902,
0.3043


■ 37.2293, 0.3813,
0.3049


■ 16.1211, 0.5974,
0.3065

■ 45.1042, 0.3576,
0.3115

■ 54.4703, 0.3382,
0.3182

 65.3994, 0.3224,
0.3245

 77.9587, 0.3097,
0.3305

 92.2114, 0.2993,
0.3360

 94.5866, 0.2940,
0.3289

Harmonies

Analogous

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



21.7382, 0.3746, 0.2303



21.7382, 0.4809, 0.2909



21.7382, 0.5279, 0.3607

Triad

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



21.7382, 0.4809, 0.2909



21.7382, 0.3280, 0.5372



21.7382, 0.1442, 0.1859

Complementary

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



21.7382, 0.4809, 0.2909



58.3144, 0.2509, 0.3813

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.



21.7382, 0.1363, 0.2375



21.7382, 0.4809, 0.2909



21.7382, 0.2317, 0.4693

Square

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



21.7382, 0.4809, 0.2909



21.7382, 0.4254, 0.5081



21.7382, 0.1636, 0.3395



21.7382, 0.1852, 0.1725

Rectangle

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



21.7382, 0.4809, 0.2909



21.7382, 0.5171, 0.4104



21.7382, 0.1636, 0.3395



21.7382, 0.1380, 0.1981

Sweetspot

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



21.7394, 0.4809, 0.2909



69.4291, 0.3431, 0.3164



20.6192, 0.2794, 0.1594



14.0890, 0.3485, 0.3145



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.



21.7394, 0.4809, 0.2909



24.3126, 0.5367, 0.2928



27.6445, 0.5020, 0.3691



13.7553, 0.3254, 0.3233



9.3994, 0.5937, 0.3044



0.6656, 0.5499, 0.2803

Inverse Universe

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



21.7394, 0.4809, 0.2909



24.3126, 0.5367, 0.2928



42.0221, 0.2215, 0.2752



13.7553, 0.3254, 0.3233



9.3994, 0.5937, 0.3044



0.6656, 0.5499, 0.2803

Previews

White Background



This preview shows how the Yxy color 21.7382, 0.4809, 0.2909 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7382, 0.4809, 0.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

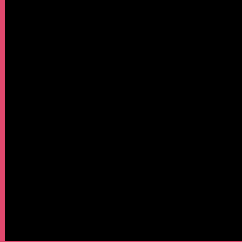
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.7382, 0.4809, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 21.7382, 0.4809, 0.2909.



This preview shows how white text looks on a background with the Yxy color 21.7382, 0.4809, 0.2909.

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

21.7382, 0.4809, 0.2909

Protanopia

21.8916, 0.3010, 0.3096

Deuteranopia

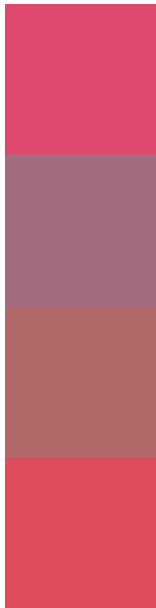
21.8786, 0.3706, 0.3647



Tritanopia

21.6029, 0.5170, 0.3246

Trichromacy



Original Color

21.7382, 0.4809, 0.2909

Protanomaly

20.0702, 0.3612, 0.2976

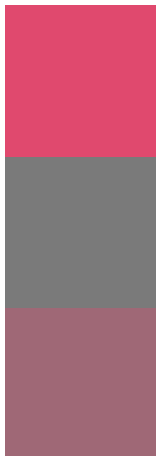
Deuteranomaly

20.4909, 0.4125, 0.3278

Tritanomaly

21.6472, 0.5047, 0.3122

Monochromacy



Original Color

21.7382, 0.4809, 0.2909

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.5796, 0.3714, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.7382, 0.4809, 0.2909 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(224, 73, 110)` looks like.

```
.text, #text, p{  
    color:rgb(224, 73, 110)  
}
```

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(224, 73, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 73, 110) }
```

Border

The CSS property to change the border of an element to Yxy 21.7382, 0.4809, 0.2909 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(224, 73, 110) }
```

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

```
.border{ border-color:rgb(224, 73, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 73, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 73, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 73, 110);  
box-shadow:4px 4px 4px 4px rgb(224, 73,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 21.7382, 0.4809, 0.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 73, 110) }
```

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

```
.background{ background-color: rgb(224, 73,  
110) }
```

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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