

Converting Colors

$Y_{xy}(23.9239, 0.4494, 0.2802)$

Have a look what the booklet for
Yxy(23.9239, 0.4494, 0.2802)
contains.

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Color

Yxy(23.9138, 0.4497, 0.2804)

Conversions

Conversions Part 1

Format	Color
Hex	E25380
RGB	226, 83, 128
RGB Percent	89%, 33%, 50%
CMY	0.1137, 0.6745, 0.4980
CMYK	0.00, 0.63, 0.43, 0.11
HSL	341°, 71%, 61%
HSV	341°, 63%, 89%
XYZ	38.3525, 23.9138, 23.0183
YIQ	130.8870, 70.7830, 44.3110

Conversions

Conversions Part 2

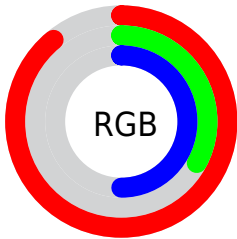
Format	Color
R_{YB}	226, 83, 128
Decimal	14832512
CIE _{Lab}	56.00, 59.13, 5.00
CIE _{LCh}	56, 59.338, 4.831
Yxy	23.9138, 0.4497, 0.2804
Android (android.graphics.Color)	4293022592 (0xFFE25380)
YUV	130.8870, -1.4233, 83.4141
Hunter-Lab	48.9017, 54.4153, 6.3231

Details

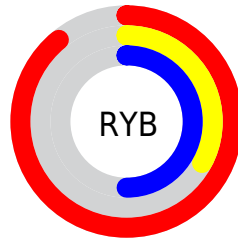
The Yxy color **23.9138, 0.4497, 0.2804** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **59.5653, 0.2576, 0.3923**, and the grayscale version is **22.6429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.0614, 0.3900, 0.2855**, and **9.0132, 0.5010, 0.2609** is the 20% darker color. If you saturate the color by 10%, you get **20.6245, 0.4849, 0.2782**, and if you desaturate by 10%, it is **28.3945, 0.4175, 0.2858**.

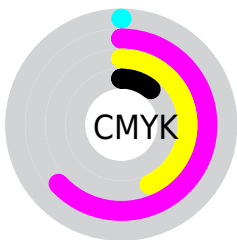
Distribution



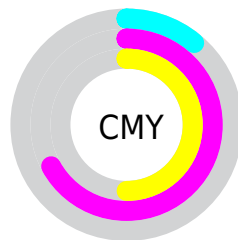
- Red (89%)
- Green (33%)
- Blue (50%)



- Red (89%)
- Yellow (33%)
- Blue (50%)



- Cyan (0%)
- Magenta (63%)
- Yellow (43%)
- Black (11%)





- Cyan (11%)
- Magenta (67%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9138, 0.4497, 0.2804 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 23.9138, 0.4497, 0.2804 by changing the saturation by 10% instead.


 23.9138, 0.4497,
0.2804


 23.9138, 0.4497,
0.2804


272.3844, 0.3739,
0.3082


 15.2697, 0.4712,
0.2722


 49.8895, 0.4203,
0.2914

 9.0089, 0.5002,
0.2607


 67.9899, 0.4098,
0.2953

 4.7470, 0.5415,
0.2440

 90.0111, 0.4012,
0.2984

 2.0996, 0.6038,
0.2178

 116.3377, 0.3939,
0.3011

 0.6644, 0.7277,
0.1742

147.3539, 0.3878,
0.3033

 0.0000, 1.0000,
0.0000

183.4441, 0.3825,

 0.0000, 0.0000,

0.3052

0.0000

224.9928, 0.3779,
0.3068

■ 23.9138, 0.4497,
0.2804

■ 23.9138, 0.4497,
0.2804

■ 20.6245, 0.4849,
0.2782

■ 28.3945, 0.4175,
0.2858

■ 18.4058, 0.5208,
0.2802

■ 34.1643, 0.3893,
0.2932

■ 17.1178, 0.5543,
0.2871

■ 41.3149, 0.3655,
0.3015


■ 16.6242, 0.5742,
0.2937

■ 49.9289, 0.3458,
0.3101

■ 60.0819, 0.3296,
0.3185

 71.8447, 0.3165,
0.3265

 85.2833, 0.3057,
0.3339

 94.7103, 0.2969,
0.3321

 94.9078, 0.2952,
0.3289

Harmonies

Analogous

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



23.9138, 0.3462, 0.2257



23.9138, 0.4497, 0.2804



23.9138, 0.5093, 0.3460

Triad

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



23.9138, 0.4497, 0.2804



23.9138, 0.3506, 0.5219



23.9138, 0.1492, 0.2025

Complementary

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



23.9138, 0.4497, 0.2804



59.5653, 0.2576, 0.3923

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.



23.9138, 0.1493, 0.2621



23.9138, 0.4497, 0.2804



23.9138, 0.2574, 0.4789

Square

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



23.9138, 0.4497, 0.2804



23.9138, 0.4391, 0.4850



23.9138, 0.1847, 0.3663



23.9138, 0.1813, 0.1818

Rectangle

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



23.9138, 0.4497, 0.2804



23.9138, 0.5106, 0.3927



23.9138, 0.1847, 0.3663



23.9138, 0.1456, 0.2175

Sweetspot

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



23.9151, 0.4497, 0.2804



70.9309, 0.3387, 0.3136



21.4689, 0.2724, 0.1633



14.3887, 0.3436, 0.3112



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.



23.9151, 0.4497, 0.2804



26.0286, 0.4966, 0.2783



27.7783, 0.4943, 0.3574



13.7712, 0.3243, 0.3216



9.5036, 0.5701, 0.2914



0.6746, 0.5262, 0.2672

Inverse Universe

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



23.9151, 0.4497, 0.2804



26.0286, 0.4966, 0.2783



48.5374, 0.2286, 0.2928



13.7712, 0.3243, 0.3216



9.5036, 0.5701, 0.2914



0.6746, 0.5262, 0.2672

Previews

White Background



This preview shows how the Yxy color 23.9138, 0.4497, 0.2804 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 23.9138, 0.4497, 0.2804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

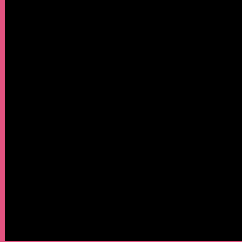
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.9138, 0.4497, 0.2804

Background



This preview shows how black text looks on a background with the Yxy color 23.9138, 0.4497, 0.2804.



This preview shows how white text looks on a background with the Yxy color 23.9138, 0.4497, 0.2804.

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

23.9138, 0.4497, 0.2804

Protanopia

24.2303, 0.2857, 0.2906

Deuteranopia

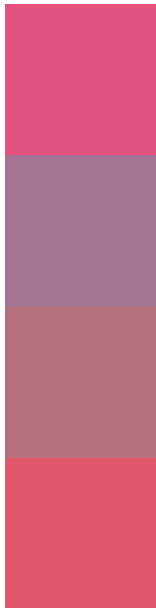
24.1180, 0.3503, 0.3439



Tritanopia

23.9858, 0.4928, 0.3242

Trichromacy



Original Color

23.9138, 0.4497, 0.2804

Protanomaly

22.3361, 0.3386, 0.2818

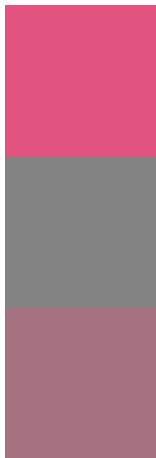
Deuteranomaly

22.9688, 0.3868, 0.3132

Tritanomaly

23.8855, 0.4785, 0.3079

Monochromacy



Original Color

23.9138, 0.4497, 0.2804

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.7533, 0.3605, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9138, 0.4497, 0.2804 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, 83, 128)` looks like.

```
.text, #text, p{  
    color:rgb(226, 83, 128)  
}
```

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, 83, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 83, 128) }
```

Border

The CSS property to change the border of an element to Yxy 23.9138, 0.4497, 0.2804 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, 83, 128) }
```

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

```
.border{ border-color:rgb(226, 83, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 83, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 83, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 83, 128);  
box-shadow:4px 4px 4px 4px rgb(226, 83,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9138, 0.4497, 0.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 83, 128) }
```

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

```
.background{ background-color: rgb(226, 83,  
128) }
```

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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