

Converting Colors

$Y_{xy}(28.5193, 0.4171, 0.2722)$

Have a look what the booklet for
Yxy(28.5193, 0.4171, 0.2722)
contains.

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Color

Yxy(28.4817, 0.4173, 0.2723)

Conversions

Conversions Part 1

Format	Color
Hex	E96397
RGB	233, 99, 151
RGB Percent	91%, 39%, 59%
CMY	0.0863, 0.6117, 0.4079
CMYK	0.00, 0.58, 0.35, 0.09
HSL	337°, 75%, 65%
HSV	337°, 58%, 91%
XYZ	43.6482, 28.4817, 32.4668
YIQ	144.9940, 63.1720, 44.5800

Conversions

Conversions Part 2

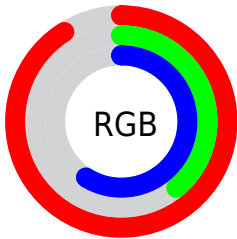
Format	Color
R _Y B	233, 99, 151
Decimal	15295383
CIE Lab	60.32, 56.78, -2.03
CIE LCh	60, 56.820, 357.956
Yxy	28.4817, 0.4173, 0.2723
Android (android.graphics.Color)	4293485463 (0xFFE96397)
YUV	144.9940, 2.9610, 77.1813
Hunter-Lab	53.3682, 52.5952, 1.2884

Details

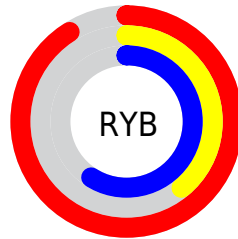
The Yxy color **28.4817, 0.4173, 0.2723** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **64.2631, 0.2651, 0.3997**, and the grayscale version is **28.2836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.1105, 0.3616, 0.2775**, and **11.3902, 0.4527, 0.2537** is the 20% darker color. If you saturate the color by 10%, you get **24.2505, 0.4468, 0.2665**, and if you desaturate by 10%, it is **34.0450, 0.3911, 0.2808**.

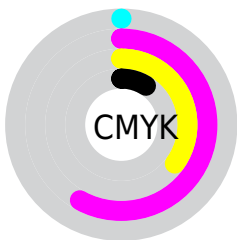
Distribution



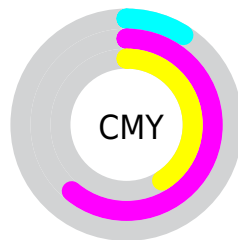
- Red (91%)
- Green (39%)
- Blue (59%)



- Red (91%)
- Yellow (39%)
- Blue (59%)



- Cyan (0%)
- Magenta (58%)
- Yellow (35%)
- Black (9%)



- Cyan (9%)
- Magenta (61%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4817, 0.4173, 0.2723 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 28.4817, 0.4173, 0.2723 by changing the saturation by 10% instead.


 28.4817, 0.4173,
0.2723


 28.4817, 0.4173,
0.2723


294.7616, 0.3613,
0.3024


 18.6891, 0.4325,
0.2642

 57.2526, 0.3960,
0.2837


 11.4458, 0.4527,
0.2535


 76.9996, 0.3883,
0.2878

 6.3676, 0.4809,
0.2388


 100.8336, 0.3819,
0.2912

 3.0698, 0.5225,
0.2172

 129.1390, 0.3765,
0.2942

 1.1683, 0.5889,
0.1834

162.3000, 0.3719,
0.2967

 0.0356, 0.8785,
0.0200

200.7012, 0.3679,

 0.0000, 1.0000,

0.2988


0.0000


244.7269, 0.3644,
0.3007


 0.0000, 0.0000,
0.0000


 28.4817, 0.4173,
0.2723


 28.4817, 0.4173,
0.2723


 24.2505, 0.4468,
0.2665


 34.0450, 0.3911,
0.2808


 21.2322, 0.4783,
0.2646

 41.0373, 0.3685,
0.2908

 19.2935, 0.5100,
0.2677


 49.5517, 0.3495,
0.3013

 18.2553, 0.5394,
0.2760


 59.6717, 0.3338,
0.3118

 18.0663, 0.5464,
0.2784

 71.4752, 0.3209,
0.3218

 85.0345, 0.3103,
0.3313

 95.7954, 0.3016,
0.3331

 96.0619, 0.2993,
0.3290

Harmonies

Analogous

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



28.4817, 0.3215, 0.2245



28.4817, 0.4173, 0.2723



28.4817, 0.4838, 0.3325

Triad

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



28.4817, 0.4173, 0.2723



28.4817, 0.3697, 0.5011



28.4817, 0.1587, 0.2228

Complementary

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



28.4817, 0.4173, 0.2723



64.2631, 0.2651, 0.3997

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.



28.4817, 0.1666, 0.2881



28.4817, 0.4173, 0.2723



28.4817, 0.2828, 0.4785

Square

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



28.4817, 0.4173, 0.2723



28.4817, 0.4465, 0.4612



28.4817, 0.2089, 0.3880



28.4817, 0.1820, 0.1950

Rectangle

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



28.4817, 0.4173, 0.2723



28.4817, 0.4960, 0.3758



28.4817, 0.2089, 0.3880



28.4817, 0.1578, 0.2401

Sweetspot

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



28.4832, 0.4173, 0.2723



73.7994, 0.3332, 0.3122



24.4418, 0.2664, 0.1720



15.2207, 0.3361, 0.3101



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.



28.4832, 0.4173, 0.2723



28.9750, 0.4525, 0.2658



29.9038, 0.4793, 0.3438



15.1508, 0.3232, 0.3199



10.2748, 0.5424, 0.2762



0.8252, 0.5052, 0.2557

Inverse Universe

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



28.4832, 0.4173, 0.2723



28.9750, 0.4525, 0.2658



59.5092, 0.2373, 0.3115



15.1508, 0.3232, 0.3199



10.2748, 0.5424, 0.2762



0.8252, 0.5052, 0.2557

Previews

White Background



This preview shows how the Yxy color 28.4817, 0.4173, 0.2723 looks on a white background.

Color Contrast Check

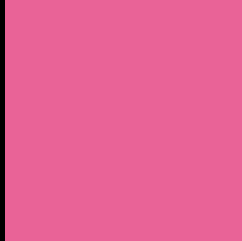
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4817, 0.4173, 0.2723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

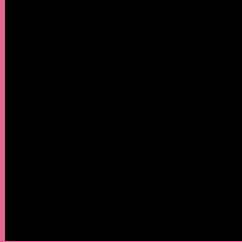
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4817, 0.4173, 0.2723

Background



This preview shows how black text looks on a background with the Yxy color 28.4817, 0.4173, 0.2723.



This preview shows how white text looks on a background with the Yxy color 28.4817, 0.4173, 0.2723.

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

28.4817, 0.4173, 0.2723

Protanopia

28.6045, 0.2753, 0.2754

Deuteranopia

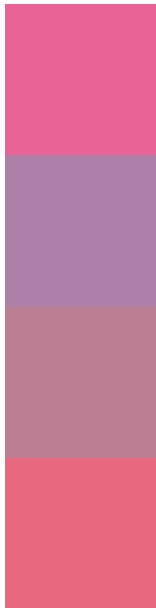
28.5370, 0.3304, 0.3244



Tritanopia

28.5533, 0.4611, 0.3217

Trichromacy



Original Color

28.4817, 0.4173, 0.2723

Protanomaly

27.1872, 0.3199, 0.2708

Deuteranomaly

27.5931, 0.3611, 0.2999

Tritanomaly

28.4219, 0.4463, 0.3039

Monochromacy



Original Color

28.4817, 0.4173, 0.2723

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

26.8920, 0.3490, 0.3016

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4817, 0.4173, 0.2723 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(233, 99, 151)` looks like.

```
.text, #text, p{  
    color:rgb(233, 99, 151)  
}
```

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(233, 99, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 99, 151) }
```

Border

The CSS property to change the border of an element to Yxy 28.4817, 0.4173, 0.2723 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(233, 99, 151) }
```

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

```
.border{ border-color:rgb(233, 99, 151) }
```

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

Here you see how a box with a 4 pixel rgb(233, 99, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 99, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 99, 151);  
box-shadow:4px 4px 4px 4px rgb(233, 99,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4817, 0.4173, 0.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 99, 151) }
```

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

```
.background{ background-color: rgb(233, 99,  
151) }
```

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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