

Converting Colors

$Y_{xy}(24.2959, 0.4271, 0.2538)$

Have a look what the booklet for
Yxy(24.2959, 0.4271, 0.2538)
contains.

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Color

Yxy(24.2959, 0.4271, 0.2538)

Conversions

Conversions Part 1

Format	Color
Hex	E74C94
RGB	231, 76, 148
RGB Percent	91%, 30%, 58%
CMY	0.0941, 0.7019, 0.4196
CMYK	0.00, 0.67, 0.36, 0.09
HSL	332°, 76%, 60%
HSV	332°, 67%, 91%
XYZ	40.8857, 24.2959, 30.5470
YIQ	130.5530, 69.2680, 55.2520

Conversions

Conversions Part 2

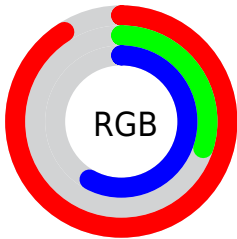
Format	Color
R _Y B	231, 76, 148
Decimal	15158420
CIE Lab	56.38, 65.44, -6.13
CIE LCh	56, 65.731, 354.649
Yxy	24.2959, 0.4271, 0.2538
Android (android.graphics.Color)	4293348500 (0xFFE74C94)
YUV	130.5530, 8.6014, 88.0920
Hunter-Lab	49.2909, 61.8027, -2.2401

Details

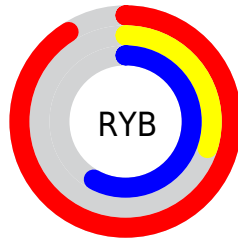
The Yxy color **24.2959, 0.4271, 0.2538** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **61.1963, 0.2670, 0.4320**, and the grayscale version is **22.4804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5745, 0.3687, 0.2597**, and **9.5210, 0.4666, 0.2344** is the 20% darker color. If you saturate the color by 10%, you get **21.2941, 0.4538, 0.2500**, and if you desaturate by 10%, it is **28.4842, 0.4022, 0.2616**.

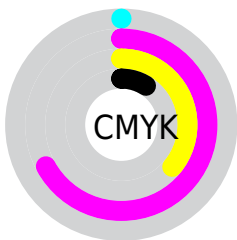
Distribution



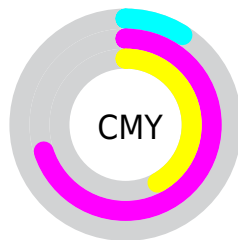
- Red (91%)
- Green (30%)
- Blue (58%)



- Red (91%)
- Yellow (30%)
- Blue (58%)



- Cyan (0%)
- Magenta (67%)
- Yellow (36%)
- Black (9%)




- Cyan (9%)
- Magenta (70%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2959, 0.4271, 0.2538 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 24.2959, 0.4271, 0.2538 by changing the saturation by 10% instead.


 24.2959, 0.4271,
0.2538


 24.2959, 0.4271,
0.2538


274.3131, 0.3650,
0.2937

 15.5533, 0.4442,
0.2431


 50.5126, 0.4033,
0.2688

 9.2086, 0.4672,
0.2291


 68.7555, 0.3948,
0.2743

 4.8775, 0.4995,
0.2097

 90.9340, 0.3877,
0.2789

 2.1756, 0.5476,
0.1818

 117.4323, 0.3817,
0.2828

 0.7066, 0.6266,
0.1372

 148.6350, 0.3766,
0.2861

 0.0000, 1.0000,
0.0000

184.9265, 0.3722,

 0.0000, 0.0000,

0.2890

0.0000

226.6910, 0.3684,
0.2915

■ 24.2959, 0.4271,
0.2538

■ 24.2959, 0.4271,
0.2538

■ 21.2941, 0.4538,
0.2500

■ 28.4842, 0.4022,
0.2616

■ 19.3448, 0.4809,
0.2514

■ 33.9663, 0.3800,
0.2720

■ 18.2804, 0.5069,
0.2582


■ 40.8416, 0.3608,
0.2839


■ 18.0576, 0.5142,
0.2606


■ 49.1987, 0.3445,
0.2964

■ 59.1189, 0.3308,
0.3089

 70.6772, 0.3195,
0.3209

 83.9442, 0.3102,
0.3322

 95.2235, 0.3026,
0.3370

 95.7301, 0.2982,
0.3290

Harmonies

Analogous

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



24.2959, 0.3091, 0.2021



24.2959, 0.4271, 0.2538



24.2959, 0.5144, 0.3200

Triad

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



24.2959, 0.4271, 0.2538



24.2959, 0.3846, 0.5332



24.2959, 0.1334, 0.2073

Complementary

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



24.2959, 0.4271, 0.2538



61.1963, 0.2670, 0.4320

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.



24.2959, 0.1444, 0.2875



24.2959, 0.4271, 0.2538



24.2959, 0.2833, 0.5247

Square

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



24.2959, 0.4271, 0.2538



24.2959, 0.4742, 0.4706



24.2959, 0.1950, 0.4158



24.2959, 0.1557, 0.1738

Rectangle

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



24.2959, 0.4271, 0.2538



24.2959, 0.5318, 0.3680



24.2959, 0.1950, 0.4158



24.2959, 0.1332, 0.2281

Sweetspot

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



24.2972, 0.4271, 0.2538



70.0297, 0.3347, 0.3052



18.2767, 0.2460, 0.1439



14.2316, 0.3385, 0.3017



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.



24.2972, 0.4271, 0.2538



25.4360, 0.4656, 0.2500



23.4221, 0.5314, 0.3344



14.4788, 0.3220, 0.3181



10.1472, 0.5104, 0.2586



0.7685, 0.4756, 0.2394

Inverse Universe

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



24.2972, 0.4271, 0.2538



25.4360, 0.4656, 0.2500



61.6123, 0.2329, 0.3220



14.4788, 0.3220, 0.3181



10.1472, 0.5104, 0.2586



0.7685, 0.4756, 0.2394

Previews

White Background



This preview shows how the Yxy color 24.2959, 0.4271, 0.2538 looks on a white background.

Color Contrast Check

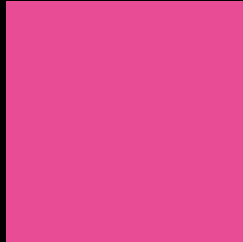
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2959, 0.4271, 0.2538 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 24.2959, 0.4271, 0.2538

Background



This preview shows how black text looks on a background with the Yxy color 24.2959, 0.4271, 0.2538.



This preview shows how white text looks on a background with the Yxy color 24.2959, 0.4271, 0.2538.

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

24.2959, 0.4271, 0.2538

Protanopia

24.5884, 0.2524, 0.2469

Deuteranopia

24.3291, 0.3215, 0.3143



Tritanopia

24.2838, 0.4978, 0.3244

Trichromacy



Original Color

24.2959, 0.4271, 0.2538



Protanomaly

22.2624, 0.3028, 0.2421



Deuteranomaly

22.8170, 0.3595, 0.2828



Tritanomaly

24.0495, 0.4728, 0.2976

Monochromacy



Original Color

24.2959, 0.4271, 0.2538



Achromatopsia

22.6966, 0.3127, 0.3290



Achromatomaly

21.3905, 0.3535, 0.2893

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2959, 0.4271, 0.2538 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(231, 76, 148)` looks like.

```
.text, #text, p{  
  color:rgb(231, 76, 148)  
}
```

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(231, 76, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 76, 148) }
```

Border

The CSS property to change the border of an element to Yxy 24.2959, 0.4271, 0.2538 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(231, 76, 148) }
```

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

```
.border{ border-color:rgb(231, 76, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 76, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 76, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 76, 148); box-shadow:4px 4px 4px 4px rgb(231, 76, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2959, 0.4271, 0.2538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 76, 148) }
```

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

```
.background{ background-color: rgb(231, 76,  
148) }
```

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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