

Converting Colors

$Yxy(26.2104, 0.4688, 0.2975)$

Have a look what the booklet for
Yxy(26.2104, 0.4688, 0.2975)
contains.

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Color

Yxy(26.1630, 0.4683, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	EB5978
RGB	235, 89, 120
RGB Percent	92%, 35%, 47%
CMY	0.0784, 0.6510, 0.5294
CMYK	0.00, 0.62, 0.49, 0.08
HSL	347°, 79%, 64%
HSV	347°, 62%, 92%
XYZ	41.2252, 26.1630, 20.6434
YIQ	136.1880, 77.0650, 40.5930

Conversions

Conversions Part 2

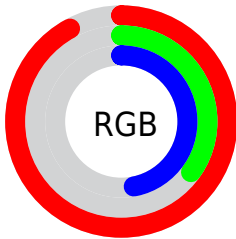
Format	Color
R_{YB}	235, 89, 120
Decimal	15423864
CIE _{Lab}	58.19, 58.69, 13.02
CIE _{LCh}	58, 60.118, 12.508
Yxy	26.1630, 0.4683, 0.2972
Android (android.graphics.Color)	4293613944 (0xFFEB5978)
YUV	136.1880, -7.9807, 86.6581
Hunter-Lab	51.1498, 54.3536, 11.8761

Details

The Yxy color **26.1630, 0.4683, 0.2972** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **65.9060, 0.2511, 0.3700**, and the grayscale version is **24.7038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.4894, 0.3979, 0.3010**, and **10.2053, 0.5233, 0.2811** is the 20% darker color. If you saturate the color by 10%, you get **22.4509, 0.5090, 0.2964**, and if you desaturate by 10%, it is **31.2127, 0.4308, 0.3005**.

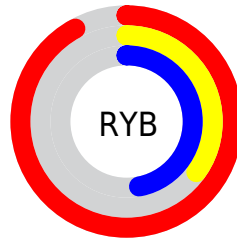
Distribution



Red (92%)

Green (35%)

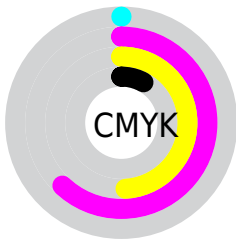
Blue (47%)



Red (92%)

Yellow (35%)

Blue (47%)

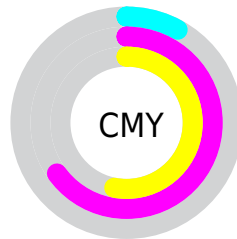


Cyan (0%)

Magenta (62%)

Yellow (49%)

Black (8%)



Cyan (8%)


Magenta (65%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.1630, 0.4683, 0.2972 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 26.1630, 0.4683, 0.2972 by changing the saturation by 10% instead.


 26.1630, 0.4683,
0.2972


 26.1630, 0.4683,
0.2972


283.5813, 0.3829,
0.3172

 16.9456, 0.4920,
0.2906


 53.5378, 0.4355,
0.3056


 10.1957, 0.5236,
0.2812


 72.4640, 0.4237,
0.3084

 5.5289, 0.5676,
0.2668

 95.3953, 0.4139,
0.3106

 2.5608, 0.6317,
0.2431

 122.7160, 0.4057,
0.3124

 0.9070, 0.7698,
0.2122

154.8105, 0.3988,
0.3139

 0.0000, 1.0000,
0.0000

192.0634, 0.3927,

 0.0000, 0.0000,

0.3152

0.0000

234.8588, 0.3875,
0.3163

■ 26.1630, 0.4683,
0.2972

■ 26.1630, 0.4683,
0.2972

■ 22.4509, 0.5090,
0.2964

■ 31.2127, 0.4308,
0.3005

■ 19.9435, 0.5496,
0.2990

■ 37.7077, 0.3982,
0.3054


■ 18.4879, 0.5852,
0.3054


■ 45.7495, 0.3708,
0.3111

■ 17.8929, 0.6074,
0.3120

■ 55.4295, 0.3484,
0.3169

■ 66.8316, 0.3302,
0.3226

 80.0341, 0.3155,
0.3279

 95.1107, 0.3036,
0.3329

 96.4036, 0.3005,
0.3290

Harmonies

Analogous

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



26.1630, 0.3732, 0.2394



26.1630, 0.4683, 0.2972



26.1630, 0.5103, 0.3638

Triad

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



26.1630, 0.4683, 0.2972



26.1630, 0.3266, 0.5165



26.1630, 0.1564, 0.1959

Complementary

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



26.1630, 0.4683, 0.2972



65.9060, 0.2511, 0.3700

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.



26.1630, 0.1483, 0.2440



26.1630, 0.4683, 0.2972



26.1630, 0.2372, 0.4515

Square

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



26.1630, 0.4683, 0.2972



26.1630, 0.4171, 0.4971



26.1630, 0.1740, 0.3363



26.1630, 0.1965, 0.1834

Rectangle

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



26.1630, 0.4683, 0.2972



26.1630, 0.5009, 0.4105



26.1630, 0.1740, 0.3363



26.1630, 0.1501, 0.2074

Sweetspot

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



26.1644, 0.4683, 0.2972



70.6690, 0.3424, 0.3186



25.8926, 0.2877, 0.1720



14.3263, 0.3480, 0.3170



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.



26.1644, 0.4683, 0.2972



25.9051, 0.5223, 0.2968



34.4488, 0.4777, 0.3731



15.1064, 0.3259, 0.3240



9.9725, 0.6038, 0.3100



0.7969, 0.5659, 0.2891

Inverse Universe

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



26.1644, 0.4683, 0.2972



25.9051, 0.5223, 0.2968



46.5460, 0.2249, 0.2731



15.1064, 0.3259, 0.3240



9.9725, 0.6038, 0.3100



0.7969, 0.5659, 0.2891

Previews

White Background



This preview shows how the Yxy color 26.1630, 0.4683, 0.2972 looks on a white background.

Color Contrast Check

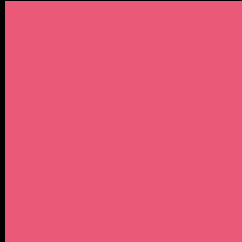
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1630, 0.4683, 0.2972 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 26.1630, 0.4683, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 26.1630, 0.4683, 0.2972.



This preview shows how white text looks on a background with the Yxy color 26.1630, 0.4683, 0.2972.

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

26.1630, 0.4683, 0.2972

Protanopia

26.5255, 0.3068, 0.3176

Deuteranopia

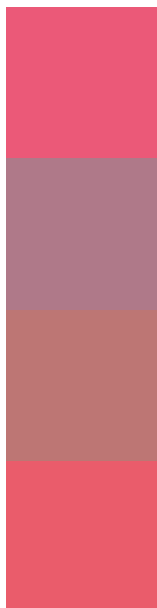
26.3067, 0.3697, 0.3636



Tritanopia

26.2220, 0.4946, 0.3234

Trichromacy



Original Color

26.1630, 0.4683, 0.2972

Protanomaly

24.5948, 0.3606, 0.3055

Deuteranomaly

25.0366, 0.4061, 0.3321

Tritanomaly

26.2083, 0.4842, 0.3140

Monochromacy



Original Color

26.1630, 0.4683, 0.2972

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.5760, 0.3664, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1630, 0.4683, 0.2972 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(235, 89, 120)` looks like.

```
.text, #text, p{  
    color:rgb(235, 89, 120)  
}
```

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(235, 89, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 89, 120) }
```

Border

The CSS property to change the border of an element to Yxy 26.1630, 0.4683, 0.2972 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(235, 89, 120) }
```

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

```
.border{ border-color:rgb(235, 89, 120) }
```

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

Here you see how a box with a 4 pixel rgb(235, 89, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 89, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 89, 120);  
box-shadow:4px 4px 4px 4px rgb(235, 89,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1630, 0.4683, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 89, 120) }
```

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

```
.background{ background-color: rgb(235, 89,  
120) }
```

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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