

Converting Colors

$Yxy(24.9263, 0.4739, 0.2892)$

Have a look what the booklet for
Yxy(24.9263, 0.4739, 0.2892)
contains.

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Color

Yxy(24.9263, 0.4739, 0.2892)

Conversions

Conversions Part 1

Format	Color
Hex	EC5078
RGB	236, 80, 120
RGB Percent	93%, 31%, 47%
CMY	0.0746, 0.6861, 0.5295
CMYK	0.00, 0.66, 0.49, 0.07
HSL	345°, 80%, 62%
HSV	345°, 66%, 93%
XYZ	40.8457, 24.9263, 20.4185
YIQ	131.2040, 80.1360, 45.5120

Conversions

Conversions Part 2

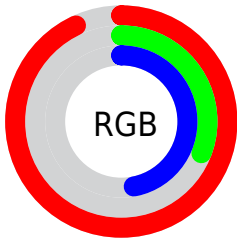
Format	Color
R_{YB}	236, 80, 120
Decimal	15487096
CIE _{Lab}	57.00, 62.65, 11.39
CIE _{LCh}	57, 63.673, 10.306
Yxy	24.9263, 0.4739, 0.2892
Android (android.graphics.Color)	4293677176 (0xFFEC5078)
YUV	131.2040, -5.5236, 91.9061
Hunter-Lab	49.9262, 58.6636, 10.7003

Details

The Yxy color **24.9263, 0.4739, 0.2892** 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 **65.6763, 0.2522, 0.3827**, and the grayscale version is **22.7761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.1299, 0.4005, 0.2928**, and **9.5818, 0.5322, 0.2705** is the 20% darker color. If you saturate the color by 10%, you get **21.6684, 0.5129, 0.2891**, and if you desaturate by 10%, it is **29.4780, 0.4372, 0.2925**.

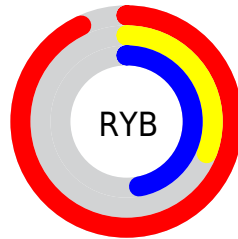
Distribution



Red (93%)

Green (31%)

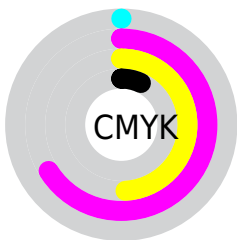
Blue (47%)



Red (93%)

Yellow (31%)

Blue (47%)

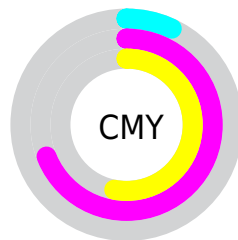


Cyan (0%)

Magenta (66%)

Yellow (49%)

Black (7%)



Cyan (7%)


Magenta (69%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9263, 0.4739, 0.2892 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 24.9263, 0.4739, 0.2892 by changing the saturation by 10% instead.


 24.9263, 0.4739,
0.2892


 24.9263, 0.4739,
0.2892


277.4707, 0.3850,
0.3135


 16.0222, 0.4987,
0.2815


 51.5376, 0.4396,
0.2992

 9.5398, 0.5319,
0.2705


 70.0136, 0.4273,
0.3026

 5.0949, 0.5783,
0.2540

 92.4490, 0.4172,
0.3053

 2.3031, 0.6459,
0.2274

 119.2282, 0.4087,
0.3076

 0.7753, 0.7964,
0.1917

150.7355, 0.4014,
0.3094

 0.0000, 1.0000,
0.0000

187.3555, 0.3952,

 0.0000, 0.0000,

0.3110

0.0000

229.4724, 0.3898,
0.3123

■ 24.9263, 0.4739,
0.2892

■ 24.9263, 0.4739,
0.2892

■ 21.6684, 0.5129,
0.2891

■ 29.4780, 0.4372,
0.2925

■ 19.5625, 0.5509,
0.2932

■ 35.4376, 0.4047,
0.2980


■ 18.4396, 0.5836,
0.3014


■ 42.9112, 0.3772,
0.3046


■ 18.1610, 0.5947,
0.3050

■ 51.9935, 0.3543,
0.3116

■ 62.7714, 0.3356,
0.3186

 75.3256, 0.3205,
0.3252

 89.7317, 0.3082,
0.3314

 96.5702, 0.3011,
0.3290

Harmonies

Analogous

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



24.9263, 0.3687, 0.2299



24.9263, 0.4739, 0.2892



24.9263, 0.5233, 0.3580

Triad

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



24.9263, 0.4739, 0.2892



24.9263, 0.3326, 0.5330



24.9263, 0.1459, 0.1897

Complementary

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



24.9263, 0.4739, 0.2892



65.6763, 0.2522, 0.3827

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.



24.9263, 0.1395, 0.2427



24.9263, 0.4739, 0.2892



24.9263, 0.2372, 0.4704

Square

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



24.9263, 0.4739, 0.2892



24.9263, 0.4278, 0.5028



24.9263, 0.1684, 0.3448



24.9263, 0.1850, 0.1750

Rectangle

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



24.9263, 0.4739, 0.2892



24.9263, 0.5151, 0.4069



24.9263, 0.1684, 0.3448



24.9263, 0.1402, 0.2024

Sweetspot

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



24.9277, 0.4739, 0.2892



69.4587, 0.3427, 0.3158



23.3193, 0.2776, 0.1604



14.0959, 0.3480, 0.3138



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.



24.9277, 0.4739, 0.2892



24.8795, 0.5256, 0.2900



30.9980, 0.4999, 0.3661



15.1174, 0.3253, 0.3230



10.0300, 0.5907, 0.3028



0.8028, 0.5516, 0.2812

Inverse Universe

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



24.9277, 0.4739, 0.2892



24.8795, 0.5256, 0.2900



48.8836, 0.2234, 0.2799



15.1174, 0.3253, 0.3230



10.0300, 0.5907, 0.3028



0.8028, 0.5516, 0.2812

Previews

White Background



This preview shows how the Yxy color 24.9263, 0.4739, 0.2892 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 24.9263, 0.4739, 0.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

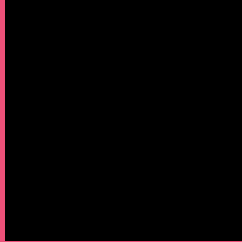
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9263, 0.4739, 0.2892

Background



This preview shows how black text looks on a background with the Yxy color 24.9263, 0.4739, 0.2892.



This preview shows how white text looks on a background with the Yxy color 24.9263, 0.4739, 0.2892.

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

24.9263, 0.4739, 0.2892

Protanopia

25.0446, 0.2987, 0.3058

Deuteranopia

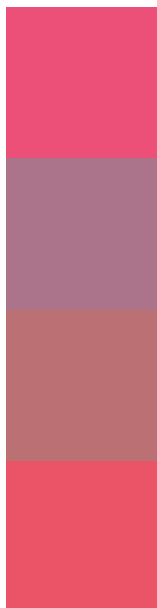
25.0433, 0.3674, 0.3612



Tritanopia

24.9033, 0.5105, 0.3247

Trichromacy



Original Color

24.9263, 0.4739, 0.2892

Protanomaly

23.1255, 0.3558, 0.2947

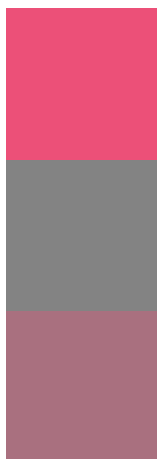
Deuteranomaly

23.6129, 0.4078, 0.3265

Tritanomaly

24.9621, 0.4974, 0.3117

Monochromacy



Original Color

24.9263, 0.4739, 0.2892

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.5557, 0.3691, 0.3061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9263, 0.4739, 0.2892 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(236, 80, 120)` looks like.

```
.text, #text, p{  
    color:rgb(236, 80, 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(236, 80, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 80, 120) }
```

Border

The CSS property to change the border of an element to Yxy 24.9263, 0.4739, 0.2892 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(236, 80, 120) }
```

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

```
.border{ border-color:rgb(236, 80, 120) }
```

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

Here you see how a box with a 4 pixel rgb(236, 80, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 80, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 80, 120);  
box-shadow:4px 4px 4px 4px rgb(236, 80,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9263, 0.4739, 0.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 80, 120) }
```

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

```
.background{ background-color: rgb(236, 80,  
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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