

Converting Colors

$Yxy(23.2211, 0.4971, 0.2952)$

Have a look what the booklet for
Yxy(23.2211, 0.4971, 0.2952)
contains.

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Color

Yxy(23.2302, 0.4975, 0.2951)

Conversions

Conversions Part 1

Format	Color
Hex	EB476B
RGB	235, 71, 107
RGB Percent	92%, 28%, 42%
CMY	0.0785, 0.7214, 0.5804
CMYK	0.00, 0.70, 0.54, 0.08
HSL	347°, 80%, 60%
HSV	347°, 70%, 92%
XYZ	39.1631, 23.2302, 16.3265
YIQ	124.1400, 86.1880, 45.9640

Conversions

Conversions Part 2

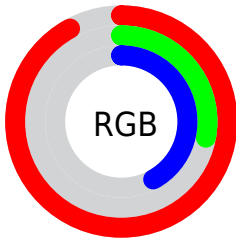
Format	Color
R_{YB}	235, 71, 107
Decimal	15419243
CIE _{Lab}	55.31, 64.70, 16.69
CIE _{LCh}	55, 66.817, 14.468
Yxy	23.2302, 0.4975, 0.2951
Android (android.graphics.Color)	4293609323 (0xFFEB476B)
YUV	124.1400, -8.4500, 97.2242
Hunter-Lab	48.1977, 60.6943, 13.6545

Details

The Yxy color **23.2302, 0.4975, 0.2951** 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 **64.8719, 0.2480, 0.3776**, and the grayscale version is **20.2171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.6939, 0.4191, 0.3003**, and **9.2105, 0.5577, 0.2846** is the 20% darker color. If you saturate the color by 10%, you get **20.4507, 0.5382, 0.2968**, and if you desaturate by 10%, it is **27.2492, 0.4576, 0.2967**.

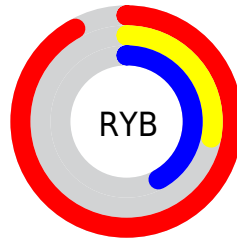
Distribution



Red (92%)

Green (28%)

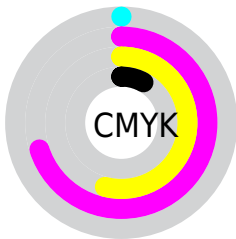
Blue (42%)



Red (92%)

Yellow (28%)

Blue (42%)

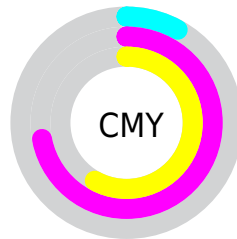


Cyan (0%)

Magenta (70%)

Yellow (54%)

Black (8%)



Cyan (8%)


Magenta (72%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2302, 0.4975, 0.2951 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 23.2302, 0.4975, 0.2951 by changing the saturation by 10% instead.


 23.2302, 0.4975,
0.2951


 23.2302, 0.4975,
0.2951


268.9052, 0.3946,
0.3179


 14.7636, 0.5263,
0.2871


 48.7710, 0.4577,
0.3050

 8.6536, 0.5648,
0.2752

 66.6140, 0.4434,
0.3082


 4.5160, 0.6180,
0.2566

 88.3513, 0.4317,
0.3108

 1.9662, 0.6959,
0.2261

 114.3672, 0.4219,
0.3128

 0.5877, 0.8323,
0.1677

 145.0461, 0.4135,
0.3144

 0.0000, 1.0000,
0.0000

180.7725, 0.4063,

 0.0000, 0.0000,

0.3158

0.0000

221.9307, 0.4001,
0.3169

■ 23.2302, 0.4975,
0.2951

■ 23.2302, 0.4975,
0.2951

■ 20.4507, 0.5382,
0.2968

■ 27.2492, 0.4576,
0.2967

■ 18.7599, 0.5754,
0.3024

■ 32.6276, 0.4216,
0.3007


■ 17.9183, 0.6049,
0.3108

■ 39.4755, 0.3905,
0.3060


■ 17.9027, 0.6055,
0.3109


■ 47.8904, 0.3646,
0.3119

■ 57.9617, 0.3435,
0.3179

 69.7719, 0.3263,
0.3237

 83.3979, 0.3124,
0.3291

 96.3188, 0.3012,
0.3302

 96.3990, 0.3005,
0.3290

Harmonies

Analogous

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



23.2302, 0.3894, 0.2316



23.2302, 0.4975, 0.2951



23.2302, 0.5379, 0.3672

Triad

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



23.2302, 0.4975, 0.2951



23.2302, 0.3166, 0.5468



23.2302, 0.1406, 0.1771

Complementary

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



23.2302, 0.4975, 0.2951



64.8719, 0.2480, 0.3776

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.



23.2302, 0.1291, 0.2253



23.2302, 0.4975, 0.2951



23.2302, 0.2185, 0.4654

Square

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



23.2302, 0.4975, 0.2951



23.2302, 0.4188, 0.5209



23.2302, 0.1527, 0.3265



23.2302, 0.1861, 0.1671

Rectangle

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



23.2302, 0.4975, 0.2951



23.2302, 0.5208, 0.4188



23.2302, 0.1527, 0.3265



23.2302, 0.1332, 0.1882

Sweetspot

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



23.2315, 0.4975, 0.2951



68.0573, 0.3460, 0.3171



22.3419, 0.2805, 0.1559



13.8195, 0.3516, 0.3154



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.



23.2315, 0.4975, 0.2951



23.5329, 0.5561, 0.2989



30.3202, 0.5095, 0.3723



15.1081, 0.3258, 0.3239



9.9810, 0.6019, 0.3089



0.7978, 0.5637, 0.2879

Inverse Universe

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



23.2315, 0.4975, 0.2951



23.5329, 0.5561, 0.2989



44.7145, 0.2182, 0.2689



15.1081, 0.3258, 0.3239



9.9810, 0.6019, 0.3089



0.7978, 0.5637, 0.2879

Previews

White Background



This preview shows how the Yxy color 23.2302, 0.4975, 0.2951 looks on a white background.

Color Contrast Check

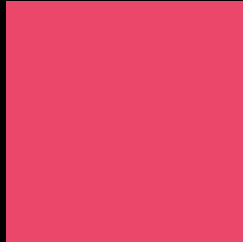
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2302, 0.4975, 0.2951 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 23.2302, 0.4975, 0.2951

Background



This preview shows how black text looks on a background with the Yxy color 23.2302, 0.4975, 0.2951.



This preview shows how white text looks on a background with the Yxy color 23.2302, 0.4975, 0.2951.

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

23.2302, 0.4975, 0.2951

Protanopia

23.3770, 0.3097, 0.3204

Deuteranopia

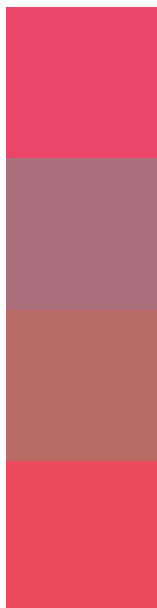
23.2477, 0.3828, 0.3748



Tritanopia

23.2405, 0.5326, 0.3260

Trichromacy



Original Color

23.2302, 0.4975, 0.2951

Protanomaly

21.3161, 0.3738, 0.3048

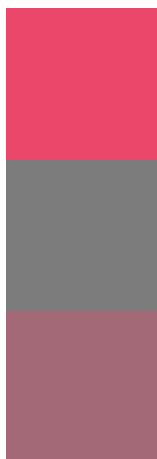
Deuteranomaly

21.7890, 0.4271, 0.3364

Tritanomaly

23.1282, 0.5202, 0.3148

Monochromacy



Original Color

23.2302, 0.4975, 0.2951

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.3037, 0.3778, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2302, 0.4975, 0.2951 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, 71, 107)` looks like.

```
.text, #text, p{  
    color:rgb(235, 71, 107)  
}
```

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, 71, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 71, 107) }
```

Border

The CSS property to change the border of an element to Yxy 23.2302, 0.4975, 0.2951 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, 71, 107) }
```

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

```
.border{ border-color:rgb(235, 71, 107) }
```

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

Here you see how a box with a 4 pixel rgb(235, 71, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 71, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 71, 107);  
box-shadow:4px 4px 4px 4px rgb(235, 71,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2302, 0.4975, 0.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 71, 107) }
```

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

```
.background{ background-color: rgb(235, 71,  
107) }
```

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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