

Converting Colors

$Y_{xy}(23.7286, 0.4882, 0.3137)$

Have a look what the booklet for
Yxy(23.7286, 0.4882, 0.3137)
contains.

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Color

Yxy(23.7639, 0.4890, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	E25665
RGB	226, 86, 101
RGB Percent	89%, 34%, 40%
CMY	0.1137, 0.6628, 0.6039
CMYK	0.00, 0.62, 0.55, 0.11
HSL	354°, 71%, 61%
HSV	354°, 62%, 89%
XYZ	37.0435, 23.7639, 14.9462
YIQ	129.5700, 78.6250, 34.3450

Conversions

Conversions Part 2

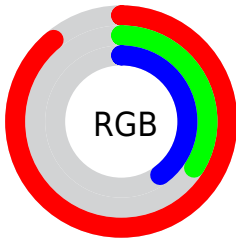
Format	Color
R_{YB}	226, 86, 101
Decimal	14833253
CIE Lab	55.85, 55.52, 20.71
CIE LCh	56, 59.261, 20.455
Yxy	23.7639, 0.4890, 0.3137
Android (android.graphics.Color)	4293023333 (0xFFE25665)
YUV	129.5700, -14.0850, 84.5691
Hunter-Lab	48.7482, 50.3317, 15.9455

Details

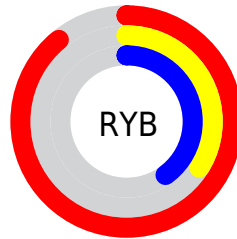
The Yxy color **23.7639, 0.4890, 0.3137** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **61.0808, 0.2445, 0.3489**, and the grayscale version is **22.1933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5768, 0.4213, 0.3178**, and **8.9284, 0.5524, 0.2983** is the 20% darker color. If you saturate the color by 10%, you get **20.3610, 0.5342, 0.3139**, and if you desaturate by 10%, it is **28.4071, 0.4464, 0.3150**.

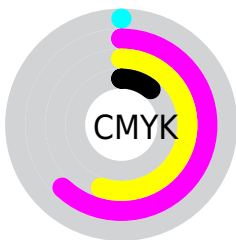
Distribution



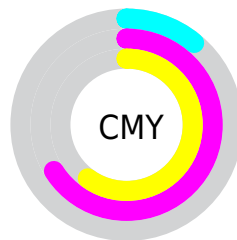
- Red (89%)
- Green (34%)
- Blue (40%)



- Red (89%)
- Yellow (34%)
- Blue (40%)



- Cyan (0%)
- Magenta (62%)
- Yellow (55%)
- Black (11%)





- Cyan (11%)
- Magenta (66%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7639, 0.4890, 0.3137 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 23.7639, 0.4890, 0.3137 by changing the saturation by 10% instead.


 23.7639, 0.4890,
0.3137


 23.7639, 0.4890,
0.3137


271.6247, 0.3908,
0.3268


 15.1586, 0.5165,
0.3080


 49.6446, 0.4510,
0.3201


 8.9308, 0.5532,
0.2991


 67.6889, 0.4374,
0.3220

 4.6960, 0.6039,
0.2840

 89.6481, 0.4262,
0.3234

 2.0700, 0.6827,
0.2593

 115.9069, 0.4168,
0.3244

 0.6477, 0.7975,
0.2025

146.8496, 0.4089,
0.3252

 0.0000, 1.0000,
0.0000

182.8605, 0.4020,

 0.0000, 0.0000,

0.3259

0.0000

224.3240, 0.3961,
0.3264

■ 23.7639, 0.4890,
0.3137

■ 23.7639, 0.4890,
0.3137

■ 20.3610, 0.5342,
0.3139

■ 28.4071, 0.4464,
0.3150

■ 18.0754, 0.5769,
0.3161

■ 34.3905, 0.4092,
0.3173

■ 16.7659, 0.6109,
0.3203

■ 41.8081, 0.3780,
0.3201

■ 16.2375, 0.6292,
0.3240

■ 50.7445, 0.3525,
0.3230

■ 61.2779, 0.3320,
0.3258

■ 73.4807, 0.3155,
0.3285

■ 87.4213, 0.3023,
0.3310

■ 94.9106, 0.2952,
0.3289

Harmonies

Analogous

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



23.7639, 0.4026, 0.2522



23.7639, 0.4890, 0.3137



23.7639, 0.5130, 0.3823

Triad

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



23.7639, 0.4890, 0.3137



23.7639, 0.3012, 0.5115



23.7639, 0.1618, 0.1875

Complementary

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



23.7639, 0.4890, 0.3137



61.0808, 0.2445, 0.3489

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.



23.7639, 0.1451, 0.2254



23.7639, 0.4890, 0.3137



23.7639, 0.2153, 0.4242

Square

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



23.7639, 0.4890, 0.3137



23.7639, 0.3950, 0.5115



23.7639, 0.1613, 0.3071



23.7639, 0.2113, 0.1831

Rectangle

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



23.7639, 0.4890, 0.3137



23.7639, 0.4924, 0.4301



23.7639, 0.1613, 0.3071



23.7639, 0.1527, 0.1959

Sweetspot

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



23.7652, 0.4890, 0.3137



70.4083, 0.3463, 0.3238



25.8008, 0.3024, 0.1792



14.2645, 0.3527, 0.3230



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.



23.7652, 0.4890, 0.3137



25.8719, 0.5455, 0.3143



35.5020, 0.4641, 0.3888



13.7243, 0.3275, 0.3265



9.2708, 0.6269, 0.3227



0.6508, 0.5964, 0.3059

Inverse Universe

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



23.7652, 0.4890, 0.3137



25.8719, 0.5455, 0.3143



37.1042, 0.2204, 0.2526



13.7243, 0.3275, 0.3265



9.2708, 0.6269, 0.3227



0.6508, 0.5964, 0.3059

Previews

White Background



This preview shows how the Yxy color 23.7639, 0.4890, 0.3137 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 23.7639, 0.4890, 0.3137 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 23.7639, 0.4890, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 23.7639, 0.4890, 0.3137.



This preview shows how white text looks on a background with the Yxy color 23.7639, 0.4890, 0.3137.

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

23.7639, 0.4890, 0.3137

Protanopia

23.9944, 0.3291, 0.3462

Deuteranopia

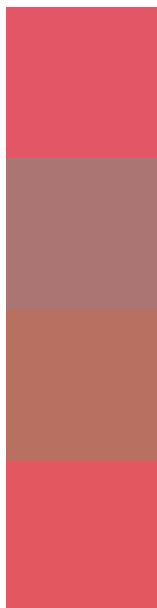
23.9822, 0.3912, 0.3850



Tritanopia

23.7755, 0.4998, 0.3233

Trichromacy



Original Color

23.7639, 0.4890, 0.3137

Protanomaly

22.6415, 0.3843, 0.3307

Deuteranomaly

22.8637, 0.4285, 0.3520

Tritanomaly

23.8297, 0.4955, 0.3201

Monochromacy



Original Color

23.7639, 0.4890, 0.3137

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.3659, 0.3739, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7639, 0.4890, 0.3137 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(226, 86, 101)` looks like.

```
.text, #text, p{  
  color:rgb(226, 86, 101)  
}
```

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(226, 86, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 86, 101) }
```

Border

The CSS property to change the border of an element to Yxy 23.7639, 0.4890, 0.3137 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(226, 86, 101) }
```

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

```
.border{ border-color:rgb(226, 86, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 86, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 86, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 86, 101);  
box-shadow:4px 4px 4px 4px rgb(226, 86,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7639, 0.4890, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 86, 101) }
```

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

```
.background{ background-color: rgb(226, 86,  
101) }
```

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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