

Converting Colors

$Yxy(23.2806, 0.4898, 0.3096)$

Have a look what the booklet for
Yxy(23.2806, 0.4898, 0.3096)
contains.

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Color

Yxy(23.3146, 0.4895, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	E25366
RGB	226, 83, 102
RGB Percent	89%, 33%, 40%
CMY	0.1136, 0.6746, 0.6000
CMYK	0.00, 0.63, 0.55, 0.11
HSL	352°, 71%, 61%
HSV	352°, 63%, 89%
XYZ	36.8621, 23.3146, 15.1289
YIQ	127.9230, 79.1290, 36.2250

Conversions

Conversions Part 2

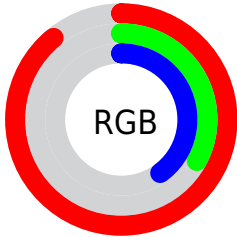
Format	Color
R_{YB}	226, 83, 102
Decimal	14832486
CIE Lab	55.39, 56.89, 19.51
CIE LCh	55, 60.143, 18.925
Yxy	23.3146, 0.4895, 0.3096
Android (android.graphics.Color)	4293022566 (0xFFE25366)
YUV	127.9230, -12.7800, 86.0135
Hunter-Lab	48.2852, 51.7721, 15.2227

Details

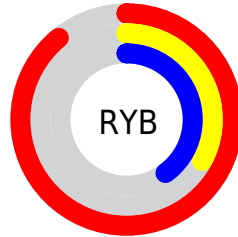
The Yxy color **23.3146, 0.4895, 0.3096** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **60.7504, 0.2453, 0.3546**, and the grayscale version is **21.5812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0251, 0.4210, 0.3147**, and **8.7078, 0.5556, 0.2946** is the 20% darker color. If you saturate the color by 10%, you get **20.0599, 0.5338, 0.3099**, and if you desaturate by 10%, it is **27.7906, 0.4476, 0.3112**.

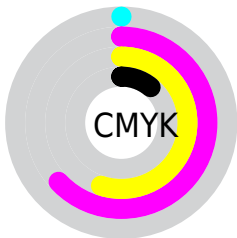
Distribution



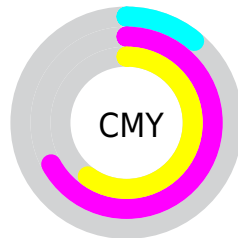
- Red (89%)
- Green (33%)
- Blue (40%)



- Red (89%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (63%)
- Yellow (55%)
- Black (11%)





- Cyan (11%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3146, 0.4895, 0.3096 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 23.3146, 0.4895, 0.3096 by changing the saturation by 10% instead.


 23.3146, 0.4895,
0.3096


 23.3146, 0.4895,
0.3096


269.3368, 0.3908,
0.3248


 14.8260, 0.5172,
0.3034


 48.9094, 0.4512,
0.3168


 8.6973, 0.5544,
0.2938


 66.7843, 0.4376,
0.3189

 4.5443, 0.6060,
0.2779

 88.5569, 0.4263,
0.3206

 1.9825, 0.6858,
0.2518

 114.6113, 0.4169,
0.3218

 0.5973, 0.8085,
0.1915

145.3322, 0.4089,
0.3228

 0.0000, 1.0000,
0.0000

181.1038, 0.4020,

 0.0000, 0.0000,

0.3236

0.0000

222.3105, 0.3960,
0.3243

■ 23.3146, 0.4895,
0.3096

■ 23.3146, 0.4895,
0.3096

■ 20.0599, 0.5338,
0.3099

■ 27.7906, 0.4476,
0.3112

■ 17.9017, 0.5756,
0.3127

■ 33.5887, 0.4107,
0.3140

■ 16.6956, 0.6090,
0.3179

■ 40.8040, 0.3798,
0.3174

■ 16.2671, 0.6249,
0.3216

■ 49.5214, 0.3544,
0.3210

■ 59.8194, 0.3339,
0.3246

71.7707, 0.3174,
0.3280

85.4439, 0.3041,
0.3311

94.9131, 0.2952,
0.3289

Harmonies

Analogous

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



23.3146, 0.3988, 0.2479



23.3146, 0.4895, 0.3096



23.3146, 0.5173, 0.3788

Triad

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



23.3146, 0.4895, 0.3096



23.3146, 0.3053, 0.5181



23.3146, 0.1577, 0.1861

Complementary

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



23.3146, 0.4895, 0.3096



60.7504, 0.2453, 0.3546

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.



23.3146, 0.1424, 0.2263



23.3146, 0.4895, 0.3096



23.3146, 0.2170, 0.4325

Square

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



23.3146, 0.4895, 0.3096



23.3146, 0.4004, 0.5127



23.3146, 0.1605, 0.3118



23.3146, 0.2061, 0.1803

Rectangle

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



23.3146, 0.4895, 0.3096



23.3146, 0.4978, 0.4272



23.3146, 0.1605, 0.3118



23.3146, 0.1491, 0.1952

Sweetspot

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



23.3159, 0.4895, 0.3096



70.4717, 0.3453, 0.3225



24.9346, 0.2996, 0.1756



14.2795, 0.3515, 0.3215



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.



23.3159, 0.4895, 0.3096



25.3066, 0.5478, 0.3106



34.2456, 0.4707, 0.3870



13.7301, 0.3271, 0.3259



9.2878, 0.6222, 0.3201



0.6535, 0.5870, 0.3007

Inverse Universe

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



23.3159, 0.4895, 0.3096



25.3066, 0.5478, 0.3106



37.4391, 0.2197, 0.2542



13.7301, 0.3271, 0.3259



9.2878, 0.6222, 0.3201



0.6535, 0.5870, 0.3007

Previews

White Background



This preview shows how the Yxy color 23.3146, 0.4895, 0.3096 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 23.3146, 0.4895, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

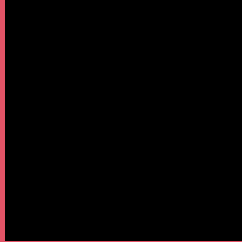
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.3146, 0.4895, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 23.3146, 0.4895, 0.3096.



This preview shows how white text looks on a background with the Yxy color 23.3146, 0.4895, 0.3096.

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

23.3146, 0.4895, 0.3096

Protanopia

23.5998, 0.3248, 0.3411

Deuteranopia

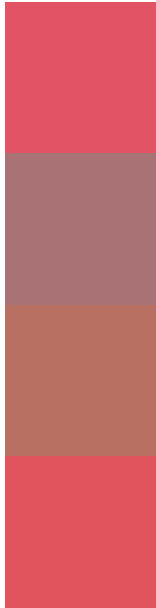
23.5337, 0.3882, 0.3825



Tritanopia

23.2427, 0.5045, 0.3244

Trichromacy



Original Color

23.3146, 0.4895, 0.3096

Protanomaly

21.9808, 0.3813, 0.3261

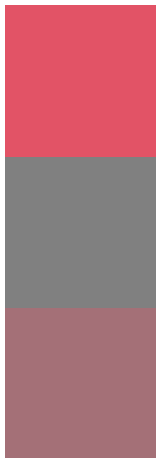
Deuteranomaly

22.5375, 0.4267, 0.3493

Tritanomaly

23.1564, 0.4996, 0.3192

Monochromacy



Original Color

23.3146, 0.4895, 0.3096

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.8128, 0.3734, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3146, 0.4895, 0.3096 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, 83, 102)` looks like.

```
.text, #text, p{  
    color:rgb(226, 83, 102)  
}
```

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, 83, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 83, 102) }
```

Border

The CSS property to change the border of an element to Yxy 23.3146, 0.4895, 0.3096 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, 83, 102) }
```

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

```
.border{ border-color:rgb(226, 83, 102) }
```

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

Here you see how a box with a 4 pixel rgb(226, 83, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 83, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 83, 102);  
box-shadow:4px 4px 4px 4px rgb(226, 83,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3146, 0.4895, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 83, 102) }
```

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

```
.background{ background-color: rgb(226, 83,  
102) }
```

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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