

Converting Colors

Yxy(23.3334, 0.4906, 0.3123)

Have a look what the booklet for
Yxy(23.3334, 0.4906, 0.3123)
contains.

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Color

Yxy(23.2683, 0.4908, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	E15464
RGB	225, 84, 100
RGB Percent	88%, 33%, 39%
CMY	0.1177, 0.6705, 0.6079
CMYK	0.00, 0.63, 0.56, 0.12
HSL	353°, 70%, 61%
HSV	353°, 63%, 88%
XYZ	36.5209, 23.2683, 14.6217
YIQ	127.9830, 78.9000, 34.8680

Conversions

Conversions Part 2

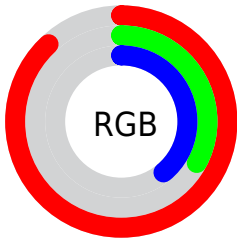
Format	Color
R_{YB}	225, 84, 100
Decimal	14767204
CIE Lab	55.35, 55.97, 20.60
CIE LCh	55, 59.636, 20.203
Yxy	23.2683, 0.4908, 0.3127
Android (android.graphics.Color)	4292957284 (0xFFE15464)
YUV	127.9830, -13.7956, 85.0839
Hunter-Lab	48.2372, 50.7290, 15.7940

Details

The Yxy color **23.2683, 0.4908, 0.3127** 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 **60.3378, 0.2445, 0.3504**, and the grayscale version is **21.6101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2505, 0.4228, 0.3179**, and **8.6952, 0.5553, 0.2973** is the 20% darker color. If you saturate the color by 10%, you get **19.9794, 0.5358, 0.3130**, and if you desaturate by 10%, it is **27.7757, 0.4482, 0.3141**.

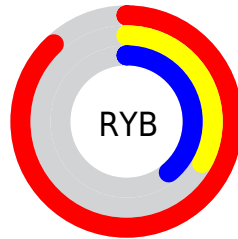
Distribution



Red (88%)

Green (33%)

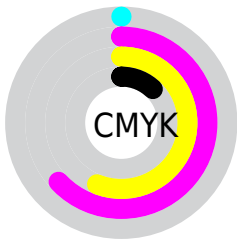
Blue (39%)



Red (88%)

Yellow (33%)

Blue (39%)

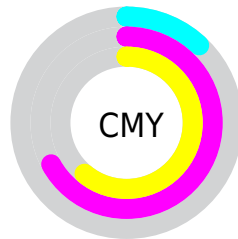


Cyan (0%)

Magenta (63%)

Yellow (56%)

Black (12%)



Cyan (12%)


Magenta (67%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2683, 0.4908, 0.3127 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 23.2683, 0.4908, 0.3127 by changing the saturation by 10% instead.


 23.2683, 0.4908,
0.3127

 23.2683, 0.4908,
0.3127


269.1001, 0.3914,
0.3264

 14.7917, 0.5187,
0.3068


 48.8335, 0.4523,
0.3194

 8.6734, 0.5561,
0.2975


 66.6909, 0.4385,
0.3213

 4.5287, 0.6078,
0.2818

 88.4441, 0.4271,
0.3228

 1.9735, 0.6900,
0.2567

 114.4774, 0.4176,
0.3239

 0.5920, 0.8063,
0.1937

145.1753, 0.4096,
0.3248

 0.0000, 1.0000,
0.0000

180.9221, 0.4026,

 0.0000, 0.0000,

0.3255

0.0000

222.1022, 0.3966,
0.3260

■ 23.2683, 0.4908,
0.3127

■ 23.2683, 0.4908,
0.3127

■ 19.9794, 0.5358,
0.3130

■ 27.7757, 0.4482,
0.3141

■ 17.7861, 0.5781,
0.3154

■ 33.6010, 0.4109,
0.3164


■ 16.5471, 0.6115,
0.3199


■ 40.8378, 0.3795,
0.3193

■ 16.0793, 0.6282,
0.3234

■ 49.5702, 0.3539,
0.3224

■ 59.8757, 0.3332,
0.3254

 71.8263, 0.3166,
0.3283

 85.4898, 0.3032,
0.3309

 94.7469, 0.2946,
0.3289

Harmonies

Analogous

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



23.2683, 0.4028, 0.2508



23.2683, 0.4908, 0.3127



23.2683, 0.5155, 0.3818

Triad

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



23.2683, 0.4908, 0.3127



23.2683, 0.3015, 0.5147



23.2683, 0.1600, 0.1861

Complementary

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



23.2683, 0.4908, 0.3127



60.3378, 0.2445, 0.3504

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.



23.2683, 0.1434, 0.2245



23.2683, 0.4908, 0.3127



23.2683, 0.2146, 0.4266

Square

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



23.2683, 0.4908, 0.3127



23.2683, 0.3963, 0.5133



23.2683, 0.1599, 0.3074



23.2683, 0.2096, 0.1815

Rectangle

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



23.2683, 0.4908, 0.3127



23.2683, 0.4947, 0.4300



23.2683, 0.1599, 0.3074



23.2683, 0.1509, 0.1947

Sweetspot

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



23.2696, 0.4908, 0.3127



70.4235, 0.3460, 0.3235



25.2682, 0.3022, 0.1779



14.2681, 0.3524, 0.3226



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.



23.2696, 0.4908, 0.3127



25.5614, 0.5484, 0.3135



34.8404, 0.4664, 0.3893



13.7257, 0.3274, 0.3264



9.2746, 0.6258, 0.3221



0.6514, 0.5941, 0.3046

Inverse Universe

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



23.2696, 0.4908, 0.3127



25.5614, 0.5484, 0.3135



36.4293, 0.2196, 0.2516



13.7257, 0.3274, 0.3264



9.2746, 0.6258, 0.3221



0.6514, 0.5941, 0.3046

Previews

White Background



This preview shows how the Yxy color 23.2683, 0.4908, 0.3127 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 23.2683, 0.4908, 0.3127 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 23.2683, 0.4908, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 23.2683, 0.4908, 0.3127.



This preview shows how white text looks on a background with the Yxy color 23.2683, 0.4908, 0.3127.

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

23.2683, 0.4908, 0.3127

Protanopia

23.6084, 0.3293, 0.3463

Deuteranopia

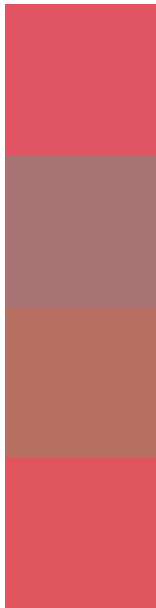
23.2382, 0.3912, 0.3841



Tritanopia

23.2582, 0.5014, 0.3244

Trichromacy



Original Color

23.2683, 0.4908, 0.3127

Protanomaly

22.0453, 0.3853, 0.3292

Deuteranomaly

22.1585, 0.4289, 0.3508

Tritanomaly

23.1524, 0.4979, 0.3201

Monochromacy



Original Color

23.2683, 0.4908, 0.3127

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.6829, 0.3735, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2683, 0.4908, 0.3127 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(225, 84, 100)` looks like.

```
.text, #text, p{  
  color:rgb(225, 84, 100)  
}
```

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(225, 84, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 84, 100) }
```

Border

The CSS property to change the border of an element to Yxy 23.2683, 0.4908, 0.3127 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(225, 84, 100) }
```

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

```
.border{ border-color:rgb(225, 84, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 84, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 84, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 84, 100);  
box-shadow:4px 4px 4px 4px rgb(225, 84,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2683, 0.4908, 0.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 84, 100) }
```

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

```
.background{ background-color: rgb(225, 84,  
100) }
```

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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