

Converting Colors

$Yxy(23.1164, 0.5100, 0.3093)$

Have a look what the booklet for
Yxy(23.1164, 0.5100, 0.3093)
contains.

Yxy(23.2003, 0.5100, 0.3095)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(23.2003, 0.5100, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	E94B60
RGB	233, 75, 96
RGB Percent	91%, 29%, 38%
CMY	0.0863, 0.7058, 0.6235
CMYK	0.00, 0.68, 0.59, 0.09
HSL	352°, 78%, 60%
HSV	352°, 68%, 91%
XYZ	38.2299, 23.2003, 13.5304
YIQ	124.6360, 87.4270, 40.0270

Conversions

Conversions Part 2

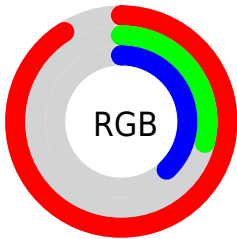
Format	Color
R_{YB}	233, 75, 96
Decimal	15289184
CIE _{Lab}	55.28, 61.85, 23.09
CIE _{LCh}	55, 66.020, 20.471
Yxy	23.2003, 0.5100, 0.3095
Android (android.graphics.Color)	4293479264 (0xFFE94B60)
YUV	124.6360, -14.1175, 95.0352
Hunter-Lab	48.1667, 57.3837, 17.0617

Details

The Yxy color **23.2003, 0.5100, 0.3095** 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 **64.5235, 0.2428, 0.3567**, and the grayscale version is **20.4087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8379, 0.4322, 0.3149**, and **8.8882, 0.5775, 0.2955** is the 20% darker color. If you saturate the color by 10%, you get **20.2723, 0.5539, 0.3109**, and if you desaturate by 10%, it is **27.3831, 0.4664, 0.3103**.

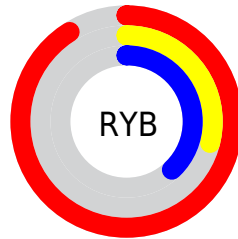
Distribution



Red (91%)

Green (29%)

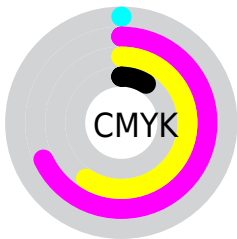
Blue (38%)



Red (91%)

Yellow (29%)

Blue (38%)

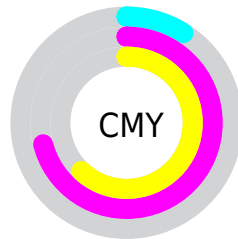


Cyan (0%)

Magenta (68%)

Yellow (59%)

Black (9%)



Cyan (9%)


Magenta (71%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2003, 0.5100, 0.3095 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 23.2003, 0.5100, 0.3095 by changing the saturation by 10% instead.


 23.2003, 0.5100,
0.3095


 23.2003, 0.5100,
0.3095


268.7521, 0.4002,
0.3261


 14.7415, 0.5404,
0.3024


 48.7220, 0.4677,
0.3175


 8.6381, 0.5806,
0.2914


 66.5537, 0.4525,
0.3199


 4.5059, 0.6352,
0.2731

 88.2784, 0.4399,
0.3217

 1.9604, 0.7256,
0.2459

 114.2807, 0.4294,
0.3230

 0.5843, 0.8250,
0.1750

 144.9447, 0.4204,
0.3241

 0.0000, 1.0000,
0.0000

180.6551, 0.4128,

 0.0000, 0.0000,

0.3249

0.0000

221.7961, 0.4061,
0.3255

■ 23.2003, 0.5100,
0.3095

■ 23.2003, 0.5100,
0.3095

■ 20.2723, 0.5539,
0.3109

■ 27.3831, 0.4664,
0.3103

■ 18.4544, 0.5926,
0.3149

■ 32.9369, 0.4270,
0.3126


■ 17.5571, 0.6205,
0.3207

■ 39.9689, 0.3932,
0.3158


■ 17.4209, 0.6252,
0.3218

■ 48.5745, 0.3653,
0.3194

■ 58.8413, 0.3427,
0.3230

 70.8503, 0.3244,
0.3265

 84.6772, 0.3098,
0.3297

 96.0622, 0.2993,
0.3290

Harmonies

Analogous

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



23.2003, 0.4129, 0.2440



23.2003, 0.5100, 0.3095



23.2003, 0.5339, 0.3824

Triad

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



23.2003, 0.5100, 0.3095



23.2003, 0.2964, 0.5370



23.2003, 0.1483, 0.1739

Complementary

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



23.2003, 0.5100, 0.3095



64.5235, 0.2428, 0.3567

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.



23.2003, 0.1303, 0.2131



23.2003, 0.5100, 0.3095



23.2003, 0.2033, 0.4369

Square

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



23.2003, 0.5100, 0.3095



23.2003, 0.3988, 0.5304



23.2003, 0.1463, 0.3022



23.2003, 0.2009, 0.1701

Rectangle

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



23.2003, 0.5100, 0.3095



23.2003, 0.5085, 0.4345



23.2003, 0.1463, 0.3022



23.2003, 0.1387, 0.1824

Sweetspot

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



23.2016, 0.5100, 0.3095



69.1376, 0.3475, 0.3222



24.9040, 0.2981, 0.1674



14.0203, 0.3537, 0.3212



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.



23.2016, 0.5100, 0.3095



23.9311, 0.5688, 0.3121



34.5898, 0.4865, 0.3891



15.0866, 0.3272, 0.3259



9.8960, 0.6226, 0.3203



0.7875, 0.5911, 0.3030

Inverse Universe

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



23.2016, 0.5100, 0.3095



23.9311, 0.5688, 0.3121



38.0660, 0.2144, 0.2476



15.0866, 0.3272, 0.3259



9.8960, 0.6226, 0.3203



0.7875, 0.5911, 0.3030

Previews

White Background



This preview shows how the Yxy color 23.2003, 0.5100, 0.3095 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 23.2003, 0.5100, 0.3095 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 23.2003, 0.5100, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 23.2003, 0.5100, 0.3095.

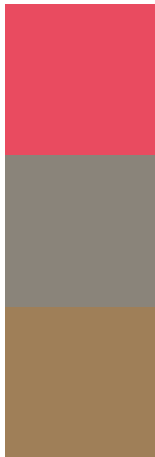


This preview shows how white text looks on a background with the Yxy color 23.2003, 0.5100, 0.3095.

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

23.2003, 0.5100, 0.3095

Protanopia

23.3109, 0.3306, 0.3464

Deuteranopia

23.2543, 0.3983, 0.3916



Tritanopia

23.2138, 0.5269, 0.3259

Trichromacy



Original Color

23.2003, 0.5100, 0.3095

Protanomaly

21.4454, 0.3939, 0.3262

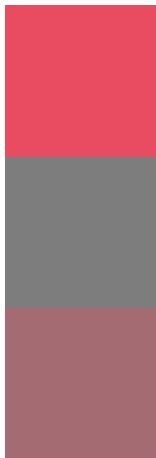
Deuteranomaly

21.9196, 0.4428, 0.3530

Tritanomaly

23.1517, 0.5207, 0.3202

Monochromacy



Original Color

23.2003, 0.5100, 0.3095

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.6228, 0.3826, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2003, 0.5100, 0.3095 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(233, 75, 96)` looks like.

```
.text, #text, p{  
    color:rgb(233, 75, 96)  
}
```

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(233, 75, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 75, 96) }
```

Border

The CSS property to change the border of an element to Yxy 23.2003, 0.5100, 0.3095 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(233, 75, 96) }
```

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

```
.border{ border-color:rgb(233, 75, 96) }
```

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

Here you see how a box with a 4 pixel rgb(233, 75, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 75, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 75, 96);  
box-shadow:4px 4px 4px 4px rgb(233, 75,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2003, 0.5100, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 75, 96) }
```

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

```
.background{ background-color: rgb(233, 75,  
96) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor