

Converting Colors

$Yxy(23.1113, 0.5051, 0.3111)$

Have a look what the booklet for
Yxy(23.1113, 0.5051, 0.3111)
contains.

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Color

Yxy(23.1163, 0.5054, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	E64E60
RGB	230, 78, 96
RGB Percent	90%, 31%, 38%
CMY	0.0980, 0.6941, 0.6235
CMYK	0.00, 0.66, 0.58, 0.10
HSL	353°, 75%, 60%
HSV	353°, 66%, 90%
XYZ	37.4695, 23.1163, 13.5525
YIQ	125.5000, 84.8140, 37.8220

Conversions

Conversions Part 2

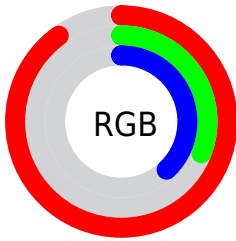
Format	Color
R _Y B	230, 78, 96
Decimal	15093344
CIE Lab	55.19, 59.76, 22.89
CIE LCh	55, 63.991, 20.956
Yxy	23.1163, 0.5054, 0.3118
Android (android.graphics.Color)	4293283424 (0xFFE64E60)
YUV	125.5000, -14.5435, 91.6465
Hunter-Lab	48.0794, 54.9704, 16.9431

Details

The Yxy color **23.1163, 0.5054, 0.3118** 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 **62.9692, 0.2428, 0.3528**, and the grayscale version is **20.7153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6633, 0.4308, 0.3179**, and **8.5768, 0.5750, 0.2947** is the 20% darker color. If you saturate the color by 10%, you get **20.0743, 0.5500, 0.3128**, and if you desaturate by 10%, it is **27.3995, 0.4617, 0.3127**.

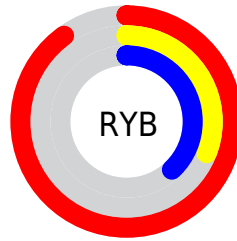
Distribution



Red (90%)

Green (31%)

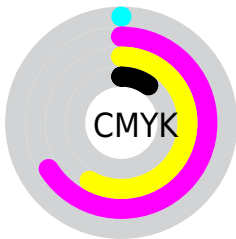
Blue (38%)



Red (90%)

Yellow (31%)

Blue (38%)

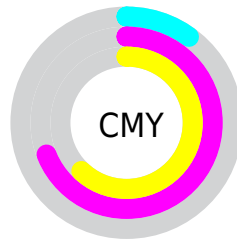


Cyan (0%)

Magenta (66%)

Yellow (58%)

Black (10%)



Cyan (10%)


Magenta (69%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1163, 0.5054, 0.3118 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 23.1163, 0.5054, 0.3118 by changing the saturation by 10% instead.


 23.1163, 0.5054,
0.3118


 23.1163, 0.5054,
0.3118


268.3218, 0.3980,
0.3269


 14.6794, 0.5353,
0.3052


 48.5842, 0.4639,
0.3192


 8.5947, 0.5749,
0.2947


 66.3840, 0.4491,
0.3214


 4.4778, 0.6289,
0.2771

 88.0736, 0.4368,
0.3230

 1.9443, 0.7191,
0.2510

 114.0374, 0.4265,
0.3242

 0.5748, 0.8203,
0.1797

 144.6596, 0.4178,
0.3252

 0.0000, 1.0000,
0.0000

180.3249, 0.4102,

 0.0000, 0.0000,

0.3259

0.0000

221.4175, 0.4037,
0.3265

■ 23.1163, 0.5054,
0.3118

■ 23.1163, 0.5054,
0.3118

■ 20.0743, 0.5500,
0.3128

■ 27.3995, 0.4617,
0.3127

■ 18.1369, 0.5900,
0.3161

■ 33.0338, 0.4226,
0.3149

■ 17.1413, 0.6193,
0.3213


■ 40.1217, 0.3893,
0.3178

■ 16.9036, 0.6276,
0.3231

■ 48.7544, 0.3619,
0.3210

■ 59.0158, 0.3397,
0.3242

 70.9837, 0.3218,
0.3273

 84.7310, 0.3075,
0.3301

 95.5634, 0.2976,
0.3290

Harmonies

Analogous

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



23.1163, 0.4120, 0.2472



23.1163, 0.5054, 0.3118



23.1163, 0.5282, 0.3838

Triad

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



23.1163, 0.5054, 0.3118



23.1163, 0.2961, 0.5293



23.1163, 0.1524, 0.1771

Complementary

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



23.1163, 0.5054, 0.3118



62.9692, 0.2428, 0.3528

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.



23.1163, 0.1342, 0.2154



23.1163, 0.5054, 0.3118



23.1163, 0.2053, 0.4313

Square

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



23.1163, 0.5054, 0.3118



23.1163, 0.3964, 0.5262



23.1163, 0.1497, 0.3017



23.1163, 0.2048, 0.1737

Rectangle

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



23.1163, 0.5054, 0.3118



23.1163, 0.5035, 0.4348



23.1163, 0.1497, 0.3017



23.1163, 0.1427, 0.1855

Sweetspot

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



23.1176, 0.5054, 0.3118



69.1007, 0.3480, 0.3229



24.8260, 0.2986, 0.1704



14.0117, 0.3543, 0.3220



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.



23.1176, 0.5054, 0.3118



24.3980, 0.5643, 0.3137



34.3516, 0.4805, 0.3884



14.3956, 0.3274, 0.3262



9.5789, 0.6251, 0.3217



0.7170, 0.5942, 0.3047

Inverse Universe

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



23.1176, 0.5054, 0.3118



24.3980, 0.5643, 0.3137



37.7101, 0.2163, 0.2502



14.3956, 0.3274, 0.3262



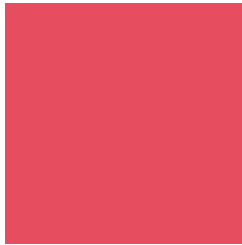
9.5789, 0.6251, 0.3217



0.7170, 0.5942, 0.3047

Previews

White Background



This preview shows how the Yxy color 23.1163, 0.5054, 0.3118 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 23.1163, 0.5054, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

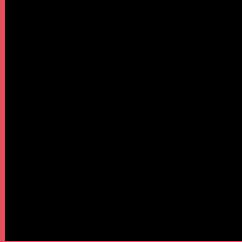
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1163, 0.5054, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 23.1163, 0.5054, 0.3118.



This preview shows how white text looks on a background with the Yxy color 23.1163, 0.5054, 0.3118.

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

23.1163, 0.5054, 0.3118

Protanopia

23.2863, 0.3317, 0.3482

Deuteranopia

23.2709, 0.3971, 0.3901



Tritanopia

23.0512, 0.5188, 0.3248

Trichromacy



Original Color

23.1163, 0.5054, 0.3118

Protanomaly

21.4161, 0.3922, 0.3292

Deuteranomaly

22.0243, 0.4395, 0.3532

Tritanomaly

22.9712, 0.5139, 0.3198

Monochromacy



Original Color

23.1163, 0.5054, 0.3118

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.0676, 0.3803, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1163, 0.5054, 0.3118 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(230, 78, 96)` looks like.

```
.text, #text, p{  
    color:rgb(230, 78, 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(230, 78, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 78, 96) }
```

Border

The CSS property to change the border of an element to Yxy 23.1163, 0.5054, 0.3118 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(230, 78, 96) }
```

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

```
.border{ border-color:rgb(230, 78, 96) }
```

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

Here you see how a box with a 4 pixel rgb(230, 78, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 78, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 78, 96);  
box-shadow:4px 4px 4px 4px rgb(230, 78,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1163, 0.5054, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 78, 96) }
```

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

```
.background{ background-color: rgb(230, 78,  
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](#).

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