

Converting Colors

$Yxy(15.2687, 0.5190, 0.3165)$

Have a look what the booklet for
Yxy(15.2687, 0.5190, 0.3165)
contains.

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Color

Yxy(15.2879, 0.5197, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	C23D49
RGB	194, 61, 73
RGB Percent	76%, 24%, 29%
CMY	0.2392, 0.7607, 0.7138
CMYK	0.00, 0.69, 0.62, 0.24
HSL	355°, 52%, 50%
HSV	355°, 69%, 76%
XYZ	25.1189, 15.2879, 7.9267
YIQ	102.1350, 75.4160, 31.9280

Conversions

Conversions Part 2

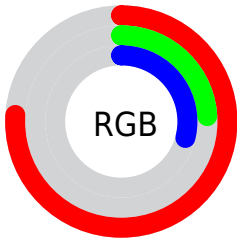
Format	Color
RYB	194, 61, 73
Decimal	12729673
CIELab	46.03, 53.51, 23.43
CIElCh	46, 58.418, 23.647
Yxy	15.2879, 0.5197, 0.3163
Android (android.graphics.Color)	4290919753 (0xFFC23D49)
YUV	102.1350, -14.3636, 80.5656
Hunter-Lab	39.0997, 46.2496, 15.3499

Details

The Yxy color **15.2879, 0.5197, 0.3163** is a dark color, and the websafe version is hex **993333**. The color can be described as dark muted red. A complement of this color would be **42.9545, 0.2400, 0.3475**, and the grayscale version is **13.3486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1313, 0.4705, 0.3245**, and **5.1621, 0.5948, 0.3050** is the 20% darker color. If you saturate the color by 10%, you get **13.3768, 0.5641, 0.3176**, and if you desaturate by 10%, it is **18.0161, 0.4748, 0.3166**.

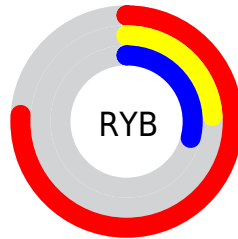
Distribution



Red (76%)

Green (24%)

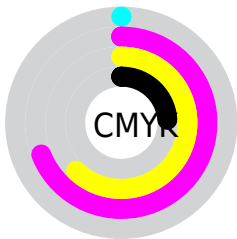
Blue (29%)



Red (76%)

Yellow (24%)

Blue (29%)

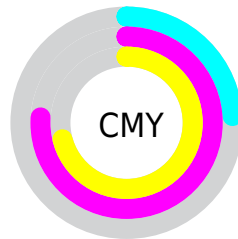


Cyan (0%)

Magenta (69%)

Yellow (62%)

Black (24%)



Cyan (24%)


Magenta (76%)

Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2879, 0.5197, 0.3163 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 15.2879, 0.5197, 0.3163 by changing the saturation by 10% instead.


 15.2879, 0.5197,
0.3163


 15.2879, 0.5197,
0.3163


225.1022, 0.3976,
0.3306


 9.0217, 0.5566,
0.3081


 35.3575, 0.4705,
0.3244


 4.7553, 0.6071,
0.2938

 49.9296, 0.4535,
0.3264


 2.1044, 0.6903,
0.2718

 68.0392, 0.4397,
0.3278

 0.6671, 0.7885,
0.2115

 90.0705, 0.4283,
0.3288

 0.0000, 1.0000,
0.0000

 116.4082, 0.4188,
0.3295

 0.0000, 0.0000,
0.0000

147.4364, 0.4107,

0.3300

183.5396, 0.4037,
0.3303

■ 15.2879, 0.5197,
0.3163

■ 15.2879, 0.5197,
0.3163

■ 13.3768, 0.5641,
0.3176

■ 18.0161, 0.4748,
0.3166

■ 12.1890, 0.6018,
0.3206

■ 21.6364, 0.4337,
0.3180

■ 11.5809, 0.6275,
0.3244

■ 26.2182, 0.3984,
0.3201

■ 11.5112, 0.6304,
0.3247

■ 31.8235, 0.3691,
0.3224

■ 38.5089, 0.3453,
0.3248

■ 46.3271, 0.3261,
0.3271

■ 55.3271, 0.3107,
0.3293

■ 65.5552, 0.2983,
0.3313

■ 77.0552, 0.2882,
0.3331

Harmonies

Analogous

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



15.2879, 0.4272, 0.2492



15.2879, 0.5197, 0.3163



15.2879, 0.5348, 0.3905

Triad

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



15.2879, 0.5197, 0.3163



15.2879, 0.2846, 0.5352



15.2879, 0.1501, 0.1700

Complementary

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



15.2879, 0.5197, 0.3163



42.9545, 0.2400, 0.3475

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.



15.2879, 0.1285, 0.2050



15.2879, 0.5197, 0.3163



15.2879, 0.1933, 0.4239

Square

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



15.2879, 0.5197, 0.3163



15.2879, 0.3886, 0.5383



15.2879, 0.1406, 0.2891



15.2879, 0.2073, 0.1695

Rectangle

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



15.2879, 0.5197, 0.3163



15.2879, 0.5043, 0.4436



15.2879, 0.1406, 0.2891



15.2879, 0.1393, 0.1773

Sweetspot

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



15.2888, 0.5197, 0.3163



66.1967, 0.3514, 0.3242



17.0214, 0.3035, 0.1700



13.7392, 0.3580, 0.3235



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.



15.2888, 0.5197, 0.3163



23.0611, 0.5832, 0.3188



23.8877, 0.4814, 0.3948



10.0923, 0.3275, 0.3270



7.5737, 0.6286, 0.3236



0.3324, 0.5914, 0.3031

Inverse Universe

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



15.2888, 0.5197, 0.3163



23.0611, 0.5832, 0.3188



23.8796, 0.2125, 0.2398



10.0923, 0.3275, 0.3270



7.5737, 0.6286, 0.3236



0.3324, 0.5914, 0.3031

Previews

White Background



This preview shows how the Yxy color 15.2879, 0.5197, 0.3163 looks on a white 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

Black Background



This preview shows how the Yxy color 15.2879, 0.5197, 0.3163 looks on a black 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

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

Yxy 15.2879, 0.5197, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 15.2879, 0.5197, 0.3163.



This preview shows how white text looks on a background with the Yxy color 15.2879, 0.5197, 0.3163.

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

15.2879, 0.5197, 0.3163

Protanopia

15.3903, 0.3406, 0.3601

Deuteranopia

15.4830, 0.4079, 0.4021



Tritanopia

15.3079, 0.5303, 0.3253

Trichromacy



Original Color

15.2879, 0.5197, 0.3163

Protanomaly

14.2555, 0.4057, 0.3400

Deuteranomaly

14.5430, 0.4520, 0.3619

Tritanomaly

15.3443, 0.5255, 0.3219

Monochromacy



Original Color

15.2879, 0.5197, 0.3163

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

12.7226, 0.3865, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2879, 0.5197, 0.3163 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(194, 61, 73)` looks like.

```
.text, #text, p{  
    color:rgb(194, 61, 73)  
}
```

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(194, 61, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 61, 73) }
```

Border

The CSS property to change the border of an element to Yxy 15.2879, 0.5197, 0.3163 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(194, 61, 73) }
```

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

```
.border{ border-color:rgb(194, 61, 73) }
```

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

Here you see how a box with a 4 pixel rgb(194, 61, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 61, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 61, 73);  
box-shadow:4px 4px 4px 4px rgb(194, 61,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2879, 0.5197, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 61, 73) }
```

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

```
.background{ background-color: rgb(194, 61,  
73) }
```

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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