

Converting Colors

$Y_{xy}(15.7920, 0.5081, 0.2969)$

Have a look what the booklet for
Yxy(15.7920, 0.5081, 0.2969)
contains.

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Color

Yxy(15.8218, 0.5083, 0.2964)

Conversions

Conversions Part 1

Format	Color
Hex	C93756
RGB	201, 55, 86
RGB Percent	79%, 22%, 34%
CMY	0.2118, 0.7843, 0.6628
CMYK	0.00, 0.73, 0.57, 0.21
HSL	347°, 57%, 50%
HSV	347°, 73%, 79%
XYZ	27.1330, 15.8218, 10.4251
YIQ	102.1880, 77.0650, 40.5930

Conversions

Conversions Part 2

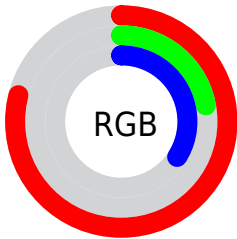
Format	Color
R_{YB}	201, 55, 86
Decimal	13186902
CIE _{Lab}	46.74, 58.79, 16.68
CIE _{LCh}	47, 61.112, 15.835
Yxy	15.8218, 0.5083, 0.2964
Android (android.graphics.Color)	4291376982 (0xFFC93756)
YUV	102.1880, -7.9807, 86.6581
Hunter-Lab	39.7766, 52.1519, 12.3043

Details

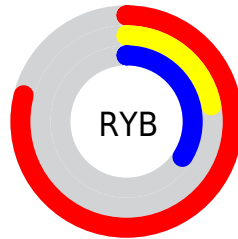
The Yxy color **15.8218, 0.5083, 0.2964** is a dark color, and the websafe version is hex **CC3366**, and the color name is **medium crimson (nakabeni)**. The color can be described as dark muted red. A complement of this color would be **45.4892, 0.2467, 0.3776**, and the grayscale version is **13.3462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8195, 0.4548, 0.3074**, and **5.7355, 0.5732, 0.2932** is the 20% darker color. If you saturate the color by 10%, you get **14.0585, 0.5485, 0.2989**, and if you desaturate by 10%, it is **18.4207, 0.4680, 0.2972**.

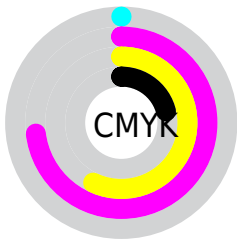
Distribution



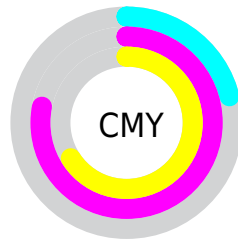
- Red (79%)
- Green (22%)
- Blue (34%)



- Red (79%)
- Yellow (22%)
- Blue (34%)



- Cyan (0%)
- Magenta (73%)
- Yellow (57%)
- Black (21%)





- Cyan (21%)
- Magenta (78%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.8218, 0.5083, 0.2964 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 15.8218, 0.5083, 0.2964 by changing the saturation by 10% instead.


 15.8218, 0.5083,
0.2964


 15.8218, 0.5083,
0.2964


228.2879, 0.3933,
0.3202

 9.3981, 0.5433,
0.2867


 36.2886, 0.4619,
0.3075


 5.0018, 0.5919,
0.2713

 51.1005, 0.4459,
0.3108


 2.2483, 0.6621,
0.2450

 69.4772, 0.4330,
0.3134

 0.7461, 0.7971,
0.2029

 91.8033, 0.4222,
0.3154

 0.0000, 1.0000,
0.0000

 118.4629, 0.4133,
0.3170

 0.0000, 0.0000,
0.0000

149.8407, 0.4056,

0.3182

186.3209, 0.3991,
0.3193

■ 15.8218, 0.5083,
0.2964

■ 15.8218, 0.5083,
0.2964

■ 14.0585, 0.5485,
0.2989

■ 18.4207, 0.4680,
0.2972

■ 13.0232, 0.5841,
0.3051

■ 21.9401, 0.4308,
0.3006

■ 12.5894, 0.6054,
0.3109

■ 26.4574, 0.3985,
0.3054

■ 32.0411, 0.3713,
0.3110

■ 38.7536, 0.3490,
0.3167

■ 46.6524, 0.3308,
0.3223

■ 55.7912, 0.3161,
0.3277

■ 66.2203, 0.3042,
0.3326

■ 77.9873, 0.2945,
0.3371

Harmonies

Analogous

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



15.8218, 0.3979, 0.2311



15.8218, 0.5083, 0.2964



15.8218, 0.5453, 0.3700

Triad

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



15.8218, 0.5083, 0.2964



15.8218, 0.3103, 0.5550



15.8218, 0.1373, 0.1713

Complementary

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



15.8218, 0.5083, 0.2964



45.4892, 0.2467, 0.3776

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.



15.8218, 0.1239, 0.2179



15.8218, 0.5083, 0.2964



15.8218, 0.2106, 0.4652

Square

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



15.8218, 0.5083, 0.2964



15.8218, 0.4157, 0.5294



15.8218, 0.1456, 0.3195



15.8218, 0.1852, 0.1628

Rectangle

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



15.8218, 0.5083, 0.2964



15.8218, 0.5244, 0.4231



15.8218, 0.1456, 0.3195



15.8218, 0.1292, 0.1818

Sweetspot

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



15.8227, 0.5083, 0.2964



66.7541, 0.3483, 0.3169



15.4265, 0.2820, 0.1535



13.5654, 0.3540, 0.3153



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.



15.8227, 0.5083, 0.2964



22.9385, 0.5693, 0.3020



21.1279, 0.5151, 0.3754



10.6732, 0.3257, 0.3241



7.9268, 0.6021, 0.3091



0.3863, 0.5430, 0.2765

Inverse Universe

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



15.8227, 0.5083, 0.2964



22.9385, 0.5693, 0.3020



30.0455, 0.2152, 0.2626



10.6732, 0.3257, 0.3241



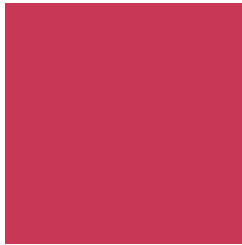
7.9268, 0.6021, 0.3091



0.3863, 0.5430, 0.2765

Previews

White Background



This preview shows how the Yxy color 15.8218, 0.5083, 0.2964 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 15.8218, 0.5083, 0.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

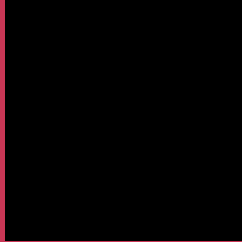
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.8218, 0.5083, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 15.8218, 0.5083, 0.2964.



This preview shows how white text looks on a background with the Yxy color 15.8218, 0.5083, 0.2964.

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

15.8218, 0.5083, 0.2964

Protanopia

16.0718, 0.3129, 0.3250

Deuteranopia

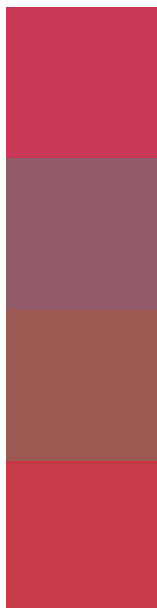
16.0664, 0.3887, 0.3821



Tritanopia

15.8700, 0.5420, 0.3267

Trichromacy



Original Color

15.8218, 0.5083, 0.2964

Protanomaly

14.4812, 0.3799, 0.3079

Deuteranomaly

14.8577, 0.4362, 0.3391

Tritanomaly

15.7604, 0.5311, 0.3162

Monochromacy



Original Color

15.8218, 0.5083, 0.2964

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

12.7448, 0.3838, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.8218, 0.5083, 0.2964 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(201, 55, 86)` looks like.

```
.text, #text, p{  
    color:rgb(201, 55, 86)  
}
```

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(201, 55, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 55, 86) }
```

Border

The CSS property to change the border of an element to Yxy 15.8218, 0.5083, 0.2964 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(201, 55, 86) }
```

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

```
.border{ border-color:rgb(201, 55, 86) }
```

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

Here you see how a box with a 4 pixel rgb(201, 55, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 55, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 55, 86);  
box-shadow:4px 4px 4px 4px rgb(201, 55,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 15.8218, 0.5083, 0.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 55, 86) }
```

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

```
.background{ background-color: rgb(201, 55,  
86) }
```

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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