

Converting Colors

$Yxy(19.5359, 0.4939, 0.3238)$

Have a look what the booklet for
Yxy(19.5359, 0.4939, 0.3238)
contains.

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Color

Yxy(19.5359, 0.4939, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	CD5156
RGB	205, 81, 86
RGB Percent	80%, 32%, 34%
CMY	0.1961, 0.6823, 0.6628
CMYK	0.00, 0.60, 0.58, 0.20
HSL	358°, 55%, 56%
HSV	358°, 60%, 80%
XYZ	29.7986, 19.5359, 10.9987
YIQ	118.6460, 72.2990, 27.8430

Conversions

Conversions Part 2

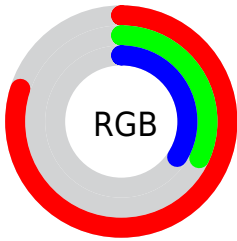
Format	Color
R_{YB}	205, 81, 86
Decimal	13455702
CIE _{Lab}	51.31, 49.55, 22.90
CIE _{LCh}	51, 54.584, 24.810
Yxy	19.5359, 0.4939, 0.3238
Android (android.graphics.Color)	4291645782 (0xFFCD5156)
YUV	118.6460, -16.0945, 75.7325
Hunter-Lab	44.1994, 42.9930, 16.1857

Details

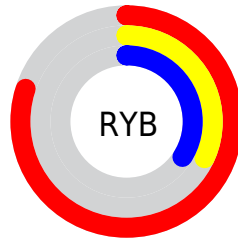
The Yxy color **19.5359, 0.4939, 0.3238** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **49.5850, 0.2416, 0.3359**, and the grayscale version is **18.3653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3655, 0.4421, 0.3284**, and **6.7926, 0.5646, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **16.6615, 0.5408, 0.3240**, and if you desaturate by 10%, it is **23.4192, 0.4494, 0.3242**.

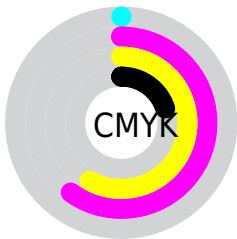
Distribution



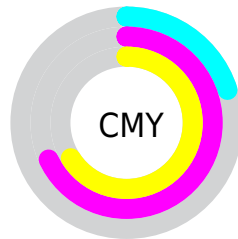
- Red (80%)
- Green (32%)
- Blue (34%)



- Red (80%)
- Yellow (32%)
- Blue (34%)



- Cyan (0%)
- Magenta (60%)
- Yellow (58%)
- Black (20%)





- Cyan (20%)
- Magenta (68%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5359, 0.4939, 0.3238 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 19.5359, 0.4939, 0.3238 by changing the saturation by 10% instead.


 19.5359, 0.4939,
0.3238


 19.5359, 0.4939,
0.3238


249.3915, 0.3902,
0.3322


 12.0581, 0.5241,
0.3186


 42.6377, 0.4530,
0.3288


 6.7833, 0.5650,
0.3096

 59.0305, 0.4386,
0.3301


 3.3269, 0.6224,
0.2926

 79.1639, 0.4268,
0.3309

 1.3047, 0.7317,
0.2683

 103.4220, 0.4170,
0.3314

 0.1448, 0.9095,
0.0905

 132.1895, 0.4087,
0.3318

 0.0000, 1.0000,
0.0000


165.8506, 0.4016,


 0.0000, 0.0000,


0.3320


0.0000

204.7898, 0.3955,
0.3321

 19.5359, 0.4939,
0.3238


 19.5359, 0.4939,
0.3238


 16.6615, 0.5408,
0.3240


 23.4192, 0.4494,
0.3242


 14.6997, 0.5846,
0.3250


 28.3898, 0.4105,
0.3250

 13.5413, 0.6179,
0.3267

 34.5219, 0.3781,
0.3260

 12.9974, 0.6364,
0.3279

 41.8824, 0.3516,
0.3270

 50.5331, 0.3304,
0.3280

■ 60.5317, 0.3134,
0.3290

■ 71.9322, 0.2998,
0.3298

■ 84.7859, 0.2889,
0.3306

■ 91.7194, 0.2833,
0.3289

Harmonies

Analogous

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



19.5359, 0.4160, 0.2614



19.5359, 0.4939, 0.3238



19.5359, 0.5079, 0.3924

Triad

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



19.5359, 0.4939, 0.3238



19.5359, 0.2883, 0.5006



19.5359, 0.1687, 0.1869

Complementary

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



19.5359, 0.4939, 0.3238



49.5850, 0.2416, 0.3359

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.



19.5359, 0.1476, 0.2192



19.5359, 0.4939, 0.3238



19.5359, 0.2069, 0.4056

Square

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



19.5359, 0.4939, 0.3238



19.5359, 0.3813, 0.5135



19.5359, 0.1589, 0.2932



19.5359, 0.2228, 0.1867

Rectangle

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



19.5359, 0.4939, 0.3238



19.5359, 0.4826, 0.4395



19.5359, 0.1589, 0.2932



19.5359, 0.1582, 0.1937

Sweetspot

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



19.5370, 0.4939, 0.3238



71.6101, 0.3464, 0.3272



22.4090, 0.3122, 0.1868



14.4909, 0.3533, 0.3269



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.



19.5370, 0.4939, 0.3238



26.0239, 0.5566, 0.3242



31.4097, 0.4506, 0.3978



11.2208, 0.3284, 0.3281



8.0945, 0.6353, 0.3273



0.4202, 0.6193, 0.3185

Inverse Universe

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



19.5370, 0.4939, 0.3238



26.0239, 0.5566, 0.3242



27.7173, 0.2197, 0.2417



11.2208, 0.3284, 0.3281



8.0945, 0.6353, 0.3273



0.4202, 0.6193, 0.3185

Previews

White Background



This preview shows how the Yxy color 19.5359, 0.4939, 0.3238 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 19.5359, 0.4939, 0.3238 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 19.5359, 0.4939, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 19.5359, 0.4939, 0.3238.



This preview shows how white text looks on a background with the Yxy color 19.5359, 0.4939, 0.3238.

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

19.5359, 0.4939, 0.3238

Protanopia

19.5857, 0.3428, 0.3627

Deuteranopia

19.5977, 0.4009, 0.3925



Tritanopia

19.5359, 0.4939, 0.3238

Trichromacy



Original Color

19.5359, 0.4939, 0.3238

Protanomaly

18.5466, 0.3975, 0.3458

Deuteranomaly

18.9448, 0.4373, 0.3628

Tritanomaly

19.5359, 0.4939, 0.3238

Monochromacy



Original Color

19.5359, 0.4939, 0.3238

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.6487, 0.3744, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5359, 0.4939, 0.3238 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(205, 81, 86)` looks like.

```
.text, #text, p{  
    color:rgb(205, 81, 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(205, 81, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 81, 86) }
```

Border

The CSS property to change the border of an element to Yxy 19.5359, 0.4939, 0.3238 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(205, 81, 86) }
```

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

```
.border{ border-color:rgb(205, 81, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 81, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 81, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 81, 86);  
box-shadow:4px 4px 4px 4px rgb(205, 81,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5359, 0.4939, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 81, 86) }
```

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

```
.background{ background-color: rgb(205, 81,  
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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