

Converting Colors

$Yxy(19.0878, 0.5264, 0.3152)$

Have a look what the booklet for
Yxy(19.0878, 0.5264, 0.3152)
contains.

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Color

Yxy(19.1115, 0.5268, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	D94150
RGB	217, 65, 80
RGB Percent	85%, 25%, 31%
CMY	0.1490, 0.7450, 0.6864
CMYK	0.00, 0.70, 0.63, 0.15
HSL	354°, 67%, 55%
HSV	354°, 70%, 85%
XYZ	31.9516, 19.1115, 9.5891
YIQ	112.1580, 85.7770, 36.8890

Conversions

Conversions Part 2

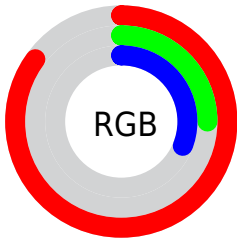
Format	Color
RYB	217, 65, 80
Decimal	14238032
CIELab	50.82, 59.65, 26.22
CIELCh	51, 65.162, 23.727
Yxy	19.1115, 0.5268, 0.3151
Android (android.graphics.Color)	4292428112 (0xFFD94150)
YUV	112.1580, -15.8539, 91.9464
Hunter-Lab	43.7167, 53.9575, 17.5966

Details

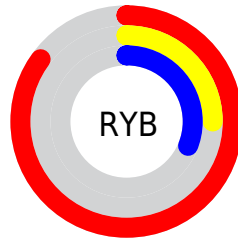
The Yxy color **19.1115, 0.5268, 0.3151** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **55.0134, 0.2395, 0.3499**, and the grayscale version is **16.2826, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.7640, 0.4574, 0.3224**, and **7.0959, 0.5953, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **16.8326, 0.5706, 0.3168**, and if you desaturate by 10%, it is **22.4332, 0.4816, 0.3152**.

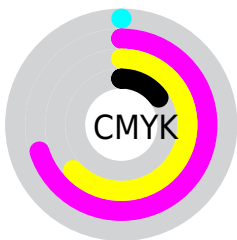
Distribution



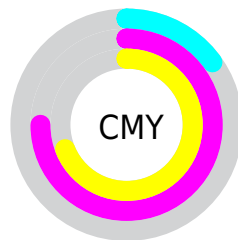
- Red (85%)
- Green (25%)
- Blue (31%)



- Red (85%)
- Yellow (25%)
- Blue (31%)



- Cyan (0%)
- Magenta (70%)
- Yellow (63%)
- Black (15%)





- Cyan (15%)
- Magenta (75%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.1115, 0.5268, 0.3151 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 19.1115, 0.5268, 0.3151 by changing the saturation by 10% instead.


 19.1115, 0.5268,
0.3151


 19.1115, 0.5268,
0.3151


247.0636, 0.4047,
0.3304


 11.7509, 0.5615,
0.3072


 41.9224, 0.4790,
0.3234


 6.5743, 0.6076,
0.2939


 58.1415, 0.4621,
0.3256


 3.1973, 0.6714,
0.2712

 78.0822, 0.4481,
0.3272

 1.2356, 0.7681,
0.2319

 102.1289, 0.4365,
0.3283

 0.0905, 0.9510,
0.0490

 130.6660, 0.4267,
0.3290

 0.0000, 1.0000,
0.0000

164.0779, 0.4183,

 0.0000, 0.0000,

0.3296

0.0000

202.7490, 0.4111,
0.3301

■ 19.1115, 0.5268,
0.3151

■ 19.1115, 0.5268,
0.3151

■ 16.8326, 0.5706,
0.3168

■ 22.4332, 0.4816,
0.3152

■ 15.4693, 0.6066,
0.3204

■ 26.8991, 0.4397,
0.3166


■ 14.8063, 0.6301,
0.3245

■ 32.6022, 0.4033,
0.3188

■ 39.6250, 0.3731,
0.3214

■ 48.0431, 0.3485,
0.3240

 57.9263, 0.3287,
0.3266

 69.3395, 0.3128,
0.3290

 82.3439, 0.3000,
0.3312

 93.4908, 0.2900,
0.3289

Harmonies

Analogous

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



19.1115, 0.4313, 0.2469



19.1115, 0.5268, 0.3151



19.1115, 0.5411, 0.3905

Triad

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



19.1115, 0.5268, 0.3151



19.1115, 0.2823, 0.5434



19.1115, 0.1461, 0.1657

Complementary

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



19.1115, 0.5268, 0.3151



55.0134, 0.2395, 0.3499

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.



19.1115, 0.1241, 0.2009



19.1115, 0.5268, 0.3151



19.1115, 0.1890, 0.4270

Square

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



19.1115, 0.5268, 0.3151



19.1115, 0.3888, 0.5447



19.1115, 0.1358, 0.2867



19.1115, 0.2043, 0.1655

Rectangle

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



19.1115, 0.5268, 0.3151



19.1115, 0.5087, 0.4451



19.1115, 0.1358, 0.2867



19.1115, 0.1351, 0.1730

Sweetspot

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



19.1126, 0.5268, 0.3151



67.7347, 0.3511, 0.3237



21.3207, 0.3031, 0.1669



13.7443, 0.3576, 0.3230



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.



19.1126, 0.5268, 0.3151



23.1785, 0.5890, 0.3183



30.0059, 0.4878, 0.3956



13.0722, 0.3276, 0.3267



8.9706, 0.6281, 0.3234



0.5884, 0.5979, 0.3068

Inverse Universe

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



19.1126, 0.5268, 0.3151



23.1785, 0.5890, 0.3183



29.9797, 0.2103, 0.2367



13.0722, 0.3276, 0.3267



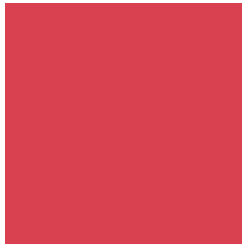
8.9706, 0.6281, 0.3234



0.5884, 0.5979, 0.3068

Previews

White Background



This preview shows how the Yxy color 19.1115, 0.5268, 0.3151 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 19.1115, 0.5268, 0.3151 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 19.1115, 0.5268, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 19.1115, 0.5268, 0.3151.



This preview shows how white text looks on a background with the Yxy color 19.1115, 0.5268, 0.3151.

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

19.1115, 0.5268, 0.3151

Protanopia

19.2634, 0.3418, 0.3610

Deuteranopia

19.2546, 0.4115, 0.4037



Tritanopia

19.2082, 0.5399, 0.3269

Trichromacy



Original Color

19.1115, 0.5268, 0.3151

Protanomaly

17.6072, 0.4086, 0.3391

Deuteranomaly

17.9416, 0.4589, 0.3614

Tritanomaly

19.1426, 0.5350, 0.3221

Monochromacy



Original Color

19.1115, 0.5268, 0.3151

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.5885, 0.3901, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1115, 0.5268, 0.3151 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(217, 65, 80)` looks like.

```
.text, #text, p{  
    color:rgb(217, 65, 80)  
}
```

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(217, 65, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 65, 80) }
```

Border

The CSS property to change the border of an element to Yxy 19.1115, 0.5268, 0.3151 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(217, 65, 80) }
```

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

```
.border{ border-color:rgb(217, 65, 80) }
```

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

Here you see how a box with a 4 pixel rgb(217, 65, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 65, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 65, 80);  
box-shadow:4px 4px 4px 4px rgb(217, 65,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1115, 0.5268, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 65, 80) }
```

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

```
.background{ background-color: rgb(217, 65,  
80) }
```

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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