

Converting Colors

$Yxy(18.9138, 0.5423, 0.3157)$

Have a look what the booklet for
Yxy(18.9138, 0.5423, 0.3157)
contains.

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Color

Yxy(19.0081, 0.5418, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	DD3B4B
RGB	221, 59, 75
RGB Percent	87%, 23%, 29%
CMY	0.1333, 0.7686, 0.7058
CMYK	0.00, 0.73, 0.66, 0.13
HSL	354°, 70%, 55%
HSV	354°, 73%, 87%
XYZ	32.6525, 19.0081, 8.6061
YIQ	109.2620, 91.4160, 39.3200

Conversions

Conversions Part 2

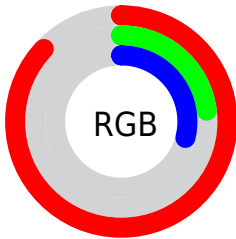
Format	Color
RYB	221, 59, 75
Decimal	14498635
CIELab	50.70, 62.70, 29.16
CIElCh	51, 69.149, 24.945
Yxy	19.0081, 0.5418, 0.3154
Android (android.graphics.Color)	4292688715 (0xFFDD3B4B)
YUV	109.2620, -16.8912, 97.9942
Hunter-Lab	43.5983, 57.3887, 18.8153

Details

The Yxy color **19.0081, 0.5418, 0.3154** 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 **57.0495, 0.2381, 0.3512**, and the grayscale version is **15.4028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.6721, 0.4657, 0.3235**, and **7.3680, 0.6060, 0.3112** is the 20% darker color. If you saturate the color by 10%, you get **16.9662, 0.5838, 0.3178**, and if you desaturate by 10%, it is **22.0984, 0.4964, 0.3149**.

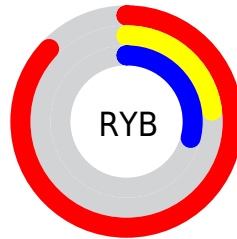
Distribution



Red (87%)

Green (23%)

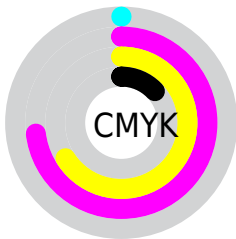
Blue (29%)



Red (87%)

Yellow (23%)

Blue (29%)

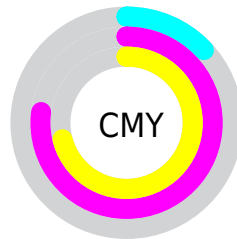


Cyan (0%)

Magenta (73%)

Yellow (66%)

Black (13%)



Cyan (13%)


Magenta (77%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0081, 0.5418, 0.3154 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 19.0081, 0.5418, 0.3154 by changing the saturation by 10% instead.


 19.0081, 0.5418,
0.3154

 19.0081, 0.5418,
0.3154


246.4935, 0.4117,
0.3318


 11.6761, 0.5781,
0.3066


 41.7478, 0.4912,
0.3245


 6.5236, 0.6257,
0.2918


 57.9243, 0.4731,
0.3269

 3.1660, 0.6935,
0.2680

 77.8178, 0.4582,
0.3286

 1.2190, 0.7780,
0.2220

 101.8126, 0.4458,
0.3297

 0.0771, 0.9601,
0.0399

 130.2932, 0.4353,
0.3306

 0.0000, 1.0000,
0.0000

163.6439, 0.4263,

 0.0000, 0.0000,

0.3311

0.0000

202.2492, 0.4185,
0.3316

■ 19.0081, 0.5418,
0.3154

■ 19.0081, 0.5418,
0.3154

■ 16.9662, 0.5838,
0.3178

■ 22.0984, 0.4964,
0.3149

■ 15.8305, 0.6159,
0.3219


■ 26.3490, 0.4530,
0.3160


■ 15.4289, 0.6302,
0.3246


■ 31.8610, 0.4146,
0.3180

■ 38.7237, 0.3824,
0.3205

■ 47.0182, 0.3560,
0.3231

 56.8193, 0.3347,
0.3257

 68.1965, 0.3176,
0.3282

 81.2150, 0.3038,
0.3305

 94.0645, 0.2927,
0.3297

Harmonies

Analogous

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



19.0081, 0.4435, 0.2450



19.0081, 0.5418, 0.3154



19.0081, 0.5509, 0.3931

Triad

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



19.0081, 0.5418, 0.3154



19.0081, 0.2739, 0.5562



19.0081, 0.1405, 0.1577

Complementary

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



19.0081, 0.5418, 0.3154



57.0495, 0.2381, 0.3512

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.



19.0081, 0.1164, 0.1913



19.0081, 0.5418, 0.3154



19.0081, 0.1784, 0.4269

Square

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



19.0081, 0.5418, 0.3154



19.0081, 0.3848, 0.5580



19.0081, 0.1262, 0.2778



19.0081, 0.2020, 0.1590

Rectangle

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



19.0081, 0.5418, 0.3154



19.0081, 0.5134, 0.4504



19.0081, 0.1262, 0.2778



19.0081, 0.1287, 0.1644

Sweetspot

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



19.0092, 0.5418, 0.3154



66.4416, 0.3534, 0.3234



21.3002, 0.3023, 0.1620



13.4931, 0.3599, 0.3227



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.



19.0092, 0.5418, 0.3154



22.4740, 0.6027, 0.3198



30.0547, 0.4986, 0.3965



13.0723, 0.3276, 0.3267



8.9708, 0.6280, 0.3233



0.5885, 0.5978, 0.3067

Inverse Universe

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



19.0092, 0.5418, 0.3154



22.4740, 0.6027, 0.3198



29.9960, 0.2067, 0.2315



13.0723, 0.3276, 0.3267



8.9708, 0.6280, 0.3233



0.5885, 0.5978, 0.3067

Previews

White Background



This preview shows how the Yxy color 19.0081, 0.5418, 0.3154 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 19.0081, 0.5418, 0.3154 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 19.0081, 0.5418, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 19.0081, 0.5418, 0.3154.



This preview shows how white text looks on a background with the Yxy color 19.0081, 0.5418, 0.3154.

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

19.0081, 0.5418, 0.3154

Protanopia

19.1840, 0.3467, 0.3687

Deuteranopia

19.1800, 0.4185, 0.4129



Tritanopia

19.0798, 0.5558, 0.3272

Trichromacy



Original Color

19.0081, 0.5418, 0.3154

Protanomaly

17.1721, 0.4196, 0.3405

Deuteranomaly

17.7280, 0.4718, 0.3661

Tritanomaly

19.0212, 0.5511, 0.3228

Monochromacy



Original Color

19.0081, 0.5418, 0.3154

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.8293, 0.3973, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0081, 0.5418, 0.3154 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(221, 59, 75)` looks like.

```
.text, #text, p{  
    color:rgb(221, 59, 75)  
}
```

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(221, 59, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 59, 75) }
```

Border

The CSS property to change the border of an element to Yxy 19.0081, 0.5418, 0.3154 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(221, 59, 75) }
```

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

```
.border{ border-color:rgb(221, 59, 75) }
```

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

Here you see how a box with a 4 pixel rgb(221, 59, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 59, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 59, 75);  
box-shadow:4px 4px 4px 4px rgb(221, 59,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0081, 0.5418, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 59, 75) }
```

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

```
.background{ background-color: rgb(221, 59,  
75) }
```

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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