

Converting Colors

$Yxy(19.1748, 0.5600, 0.3264)$

Have a look what the booklet for
Yxy(19.1748, 0.5600, 0.3264)
contains.

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Color

Yxy(19.1748, 0.5600, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	DF3B3F
RGB	223, 59, 63
RGB Percent	87%, 23%, 25%
CMY	0.1254, 0.7687, 0.7528
CMYK	0.00, 0.74, 0.72, 0.13
HSL	359°, 72%, 55%
HSV	359°, 74%, 87%
XYZ	32.8979, 19.1748, 6.6736
YIQ	108.4920, 96.4600, 36.0120

Conversions

Conversions Part 2

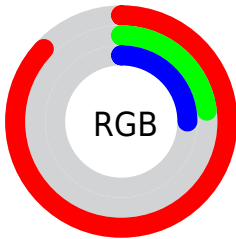
Format	Color
R_{YB}	223, 59, 63
Decimal	14629695
CIE _{Lab}	50.89, 62.74, 36.47
CIE _{LCh}	51, 72.568, 30.174
Yxy	19.1748, 0.5600, 0.3264
Android (android.graphics.Color)	4292819775 (0xFFDF3B3F)
YUV	108.4920, -22.4276, 100.4235
Hunter-Lab	43.7890, 57.4731, 21.6164

Details

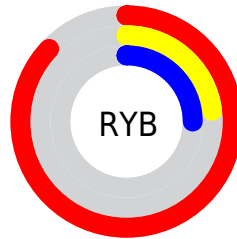
The Yxy color **19.1748, 0.5600, 0.3264** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **58.8282, 0.2328, 0.3343**, and the grayscale version is **15.1841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.3646, 0.4811, 0.3363**, and **7.5241, 0.6225, 0.3203** is the 20% darker color. If you saturate the color by 10%, you get **17.1562, 0.6007, 0.3273**, and if you desaturate by 10%, it is **22.2700, 0.5129, 0.3261**.

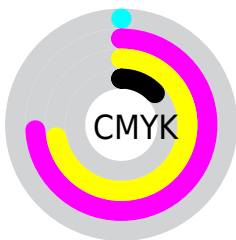
Distribution



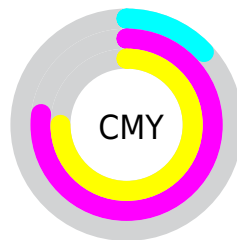
- Red (87%)
- Green (23%)
- Blue (25%)



- Red (87%)
- Yellow (23%)
- Blue (25%)



- Cyan (0%)
- Magenta (74%)
- Yellow (72%)
- Black (13%)



- Cyan (13%)
- Magenta (77%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.1748, 0.5600, 0.3264 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 19.1748, 0.5600, 0.3264 by changing the saturation by 10% instead.


 19.1748, 0.5600,
0.3264


 19.1748, 0.5600,
0.3264


247.4121, 0.4211,
0.3395


 11.7967, 0.5972,
0.3172


 42.0293, 0.5069,
0.3351


 6.6054, 0.6444,
0.3013


 58.2744, 0.4876,
0.3371


 3.2166, 0.7205,
0.2795

 78.2439, 0.4716,
0.3383

 1.2458, 0.7768,
0.2232

 102.3223, 0.4582,
0.3390

 0.0986, 0.9505,
0.0495

 130.8939, 0.4468,
0.3394

 0.0000, 1.0000,
0.0000

 164.3431, 0.4370,

 0.0000, 0.0000,

0.3396

0.0000

203.0544, 0.4285,
0.3396

■ 19.1748, 0.5600,
0.3264

■ 19.1748, 0.5600,
0.3264

■ 17.1562, 0.6007,
0.3273

■ 22.2700, 0.5129,
0.3261

■ 16.0642, 0.6282,
0.3285


■ 26.5594, 0.4663,
0.3261


■ 15.7032, 0.6380,
0.3288

■ 32.1490, 0.4245,
0.3265

■ 39.1322, 0.3891,
0.3270

■ 47.5939, 0.3602,
0.3276

 57.6122, 0.3370,
0.3282

 69.2597, 0.3184,
0.3288

 82.6043, 0.3035,
0.3293

 94.4312, 0.2935,
0.3289

Harmonies

Analogous

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



19.1748, 0.4723, 0.2534



19.1748, 0.5600, 0.3264



19.1748, 0.5513, 0.4072

Triad

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



19.1748, 0.5600, 0.3264



19.1748, 0.2512, 0.5534



19.1748, 0.1430, 0.1501

Complementary

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



19.1748, 0.5600, 0.3264



58.8282, 0.2328, 0.3343

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.



19.1748, 0.1125, 0.1767



19.1748, 0.5600, 0.3264



19.1748, 0.1597, 0.4011

Square

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



19.1748, 0.5600, 0.3264



19.1748, 0.3647, 0.5758



19.1748, 0.1156, 0.2539



19.1748, 0.2134, 0.1571

Rectangle

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



19.1748, 0.5600, 0.3264



19.1748, 0.5043, 0.4677



19.1748, 0.1156, 0.2539



19.1748, 0.1289, 0.1547

Sweetspot

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



19.1759, 0.5600, 0.3264



66.2443, 0.3567, 0.3277



23.2908, 0.3142, 0.1676



13.4476, 0.3637, 0.3275



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.



19.1759, 0.5600, 0.3264



22.3474, 0.6167, 0.3278



33.4831, 0.4877, 0.4086



13.7060, 0.3288, 0.3285



9.2338, 0.6373, 0.3284



0.6420, 0.6293, 0.3240

Inverse Universe

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



19.1759, 0.5600, 0.3264



22.3474, 0.6167, 0.3278



26.9599, 0.2020, 0.2138



13.7060, 0.3288, 0.3285



9.2338, 0.6373, 0.3284



0.6420, 0.6293, 0.3240

Previews

White Background



This preview shows how the Yxy color 19.1748, 0.5600, 0.3264 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 19.1748, 0.5600, 0.3264 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 19.1748, 0.5600, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 19.1748, 0.5600, 0.3264.



This preview shows how white text looks on a background with the Yxy color 19.1748, 0.5600, 0.3264.

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

19.1748, 0.5600, 0.3264

Protanopia

19.4805, 0.3697, 0.3976

Deuteranopia

19.3271, 0.4363, 0.4291



Tritanopia

19.1528, 0.5626, 0.3281

Trichromacy



Original Color

19.1748, 0.5600, 0.3264

Protanomaly

17.4588, 0.4437, 0.3634

Deuteranomaly

17.8269, 0.4897, 0.3802

Tritanomaly

19.1637, 0.5613, 0.3273

Monochromacy



Original Color

19.1748, 0.5600, 0.3264

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.5691, 0.4063, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1748, 0.5600, 0.3264 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(223, 59, 63)` looks like.

```
.text, #text, p{  
    color:rgb(223, 59, 63)  
}
```

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(223, 59, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 59, 63) }
```

Border

The CSS property to change the border of an element to Yxy 19.1748, 0.5600, 0.3264 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(223, 59, 63) }
```

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

```
.border{ border-color:rgb(223, 59, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 59, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 59, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 59, 63);  
box-shadow:4px 4px 4px 4px rgb(223, 59,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1748, 0.5600, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 59, 63) }
```

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

```
.background{ background-color: rgb(223, 59,  
63) }
```

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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