

Converting Colors

$Y_{xy}(19.5825, 0.5477, 0.3426)$

Have a look what the booklet for
Yxy(19.5825, 0.5477, 0.3426)
contains.

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Color

Yxy(19.5279, 0.5474, 0.3427)

Conversions

Conversions Part 1

Format	Color
Hex	D7493B
RGB	215, 73, 59
RGB Percent	84%, 29%, 23%
CMY	0.1569, 0.7136, 0.7686
CMYK	0.00, 0.66, 0.73, 0.16
HSL	5°, 66%, 54%
HSV	5°, 73%, 84%
XYZ	31.1922, 19.5279, 6.2624
YIQ	113.8620, 89.1260, 25.7500

Conversions

Conversions Part 2

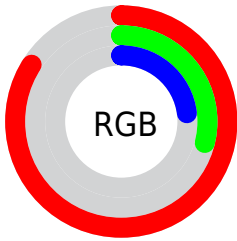
Format	Color
R_{YB}	215, 74, 59
Decimal	14108987
CIE _{Lab}	51.30, 54.80, 38.83
CIE _{LCh}	51, 67.165, 35.321
Yxy	19.5279, 0.5474, 0.3427
Android (android.graphics.Color)	4292299067 (0xFFD7493B)
YUV	113.8620, -27.0470, 88.6980
Hunter-Lab	44.1904, 48.6628, 22.5311

Details

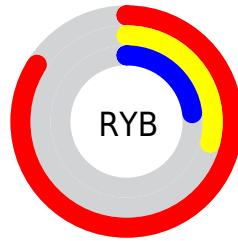
The Yxy color **19.5279, 0.5474, 0.3427** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **47.5838, 0.2267, 0.3087**, and the grayscale version is **16.8496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.7599, 0.4786, 0.3501**, and **6.8068, 0.6267, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **17.1699, 0.5888, 0.3409**, and if you desaturate by 10%, it is **22.7884, 0.5019, 0.3428**.

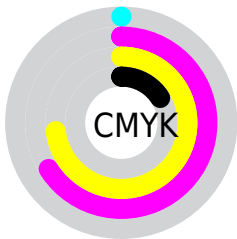
Distribution



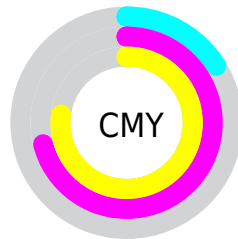
- Red (84%)
- Green (29%)
- Blue (23%)



- Red (84%)
- Yellow (29%)
- Blue (23%)



- Cyan (0%)
- Magenta (66%)
- Yellow (73%)
- Black (16%)





- Cyan (16%)
- Magenta (71%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5279, 0.5474, 0.3427 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 19.5279, 0.5474, 0.3427 by changing the saturation by 10% instead.


 19.5279, 0.5474,
0.3427


 19.5279, 0.5474,
0.3427


249.3478, 0.4160,
0.3466


 12.0523, 0.5824,
0.3359


 42.6242, 0.4973,
0.3480

 6.7793, 0.6267,
0.3228

 59.0138, 0.4790,
0.3487


 3.3245, 0.6962,
0.3038

 79.1435, 0.4639,
0.3488

 1.3034, 0.7496,
0.2504

 103.3977, 0.4512,
0.3486

 0.1438, 0.9197,
0.0803

 132.1609, 0.4404,
0.3482

 0.0000, 1.0000,
0.0000

 165.8173, 0.4311,

 0.0000, 0.0000,

0.3477

0.0000

204.7515, 0.4230,
0.3472

■ 19.5279, 0.5474,
0.3427

■ 19.5279, 0.5474,
0.3427

■ 17.1699, 0.5888,
0.3409

■ 22.7884, 0.5019,
0.3428

■ 15.6201, 0.6195,
0.3374


■ 27.0267, 0.4578,
0.3415


■ 14.9216, 0.6340,
0.3348


■ 32.3139, 0.4185,
0.3395


■ 38.7137, 0.3851,
0.3370

■ 46.2846, 0.3575,
0.3344

 55.0810, 0.3350,
0.3319

 65.1541, 0.3168,
0.3296

 76.5518, 0.3020,
0.3274

 89.3199, 0.2900,
0.3255

Harmonies

Analogous

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



19.5279, 0.4795, 0.2707



19.5279, 0.5474, 0.3427



19.5279, 0.5290, 0.4220

Triad

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



19.5279, 0.5474, 0.3427



19.5279, 0.2409, 0.5147



19.5279, 0.1614, 0.1593

Complementary

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



19.5279, 0.5474, 0.3427



47.5838, 0.2267, 0.3087

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.



19.5279, 0.1258, 0.1795



19.5279, 0.5474, 0.3427



19.5279, 0.1600, 0.3694

Square

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



19.5279, 0.5474, 0.3427



19.5279, 0.3474, 0.5626



19.5279, 0.1238, 0.2442



19.5279, 0.2364, 0.1706

Rectangle

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



19.5279, 0.5474, 0.3427



19.5279, 0.4815, 0.4790



19.5279, 0.1238, 0.2442



19.5279, 0.1455, 0.1621

Sweetspot

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



19.5290, 0.5474, 0.3427



68.5395, 0.3567, 0.3343



21.8352, 0.3352, 0.1819



13.9759, 0.3636, 0.3350



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.



19.5290, 0.5474, 0.3427



23.9268, 0.6067, 0.3392



36.5687, 0.4651, 0.4283



12.5986, 0.3289, 0.3312



8.9933, 0.6326, 0.3359



0.6059, 0.6122, 0.3521

Inverse Universe

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



47.5838, 0.2267, 0.3087



66.9857, 0.2196, 0.3040



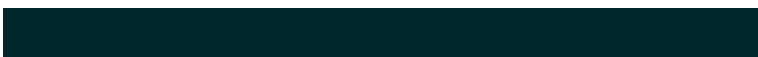
20.2479, 0.1959, 0.1865



13.9079, 0.2983, 0.3268



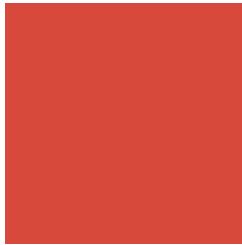
26.5370, 0.2169, 0.3007



1.6578, 0.2183, 0.3060

Previews

White Background



This preview shows how the Yxy color 19.5279, 0.5474, 0.3427 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 19.5279, 0.5474, 0.3427 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 19.5279, 0.5474, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 19.5279, 0.5474, 0.3427.



This preview shows how white text looks on a background with the Yxy color 19.5279, 0.5474, 0.3427.

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

19.5279, 0.5474, 0.3427

Protanopia

19.7561, 0.3822, 0.4145

Deuteranopia

19.7252, 0.4405, 0.4329



Tritanopia

19.6134, 0.5288, 0.3257

Trichromacy



Original Color

19.5279, 0.5474, 0.3427

Protanomaly

18.3319, 0.4447, 0.3835

Deuteranomaly

18.7945, 0.4857, 0.3935

Tritanomaly

19.6633, 0.5363, 0.3326

Monochromacy



Original Color

19.5279, 0.5474, 0.3427

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.3111, 0.3986, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5279, 0.5474, 0.3427 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(215, 73, 59)` looks like.

```
.text, #text, p{  
    color:rgb(215, 73, 59)  
}
```

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(215, 73, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 73, 59) }
```

Border

The CSS property to change the border of an element to Yxy 19.5279, 0.5474, 0.3427 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(215, 73, 59) }
```

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

```
.border{ border-color:rgb(215, 73, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 73, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 73, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 73, 59);  
box-shadow:4px 4px 4px 4px rgb(215, 73,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5279, 0.5474, 0.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 73, 59) }
```

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

```
.background{ background-color: rgb(215, 73,  
59) }
```

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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