

Converting Colors

$Y_{xy}(19.5971, 0.5225, 0.3256)$

Have a look what the booklet for
Yxy(19.5971, 0.5225, 0.3256)
contains.

Yxy(19.5971, 0.5225, 0.3256)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.5971, 0.5225, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	D6494D
RGB	214, 73, 77
RGB Percent	84%, 29%, 30%
CMY	0.1609, 0.7136, 0.6981
CMYK	0.00, 0.66, 0.64, 0.16
HSL	358°, 63%, 56%
HSV	358°, 66%, 84%
XYZ	31.4480, 19.5971, 9.1425
YIQ	115.6150, 82.7520, 31.1360

Conversions

Conversions Part 2

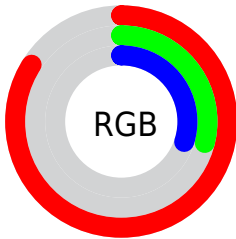
Format	Color
RYB	214, 73, 77
Decimal	14043469
CIELab	51.38, 55.40, 28.59
CIELCh	51, 62.342, 27.298
Yxy	19.5971, 0.5225, 0.3256
Android (android.graphics.Color)	4292233549 (0xFFD6494D)
YUV	115.6150, -19.0372, 86.2836
Hunter-Lab	44.2686, 49.3348, 18.7433

Details

The Yxy color **19.5971, 0.5225, 0.3256** 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 **54.1539, 0.2372, 0.3343**, and the grayscale version is **17.3853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4669, 0.4568, 0.3325**, and **6.8821, 0.6000, 0.3079** is the 20% darker color. If you saturate the color by 10%, you get **17.0039, 0.5687, 0.3261**, and if you desaturate by 10%, it is **23.2534, 0.4755, 0.3256**.

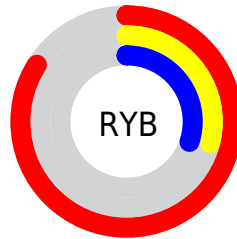
Distribution



Red (84%)

Green (29%)

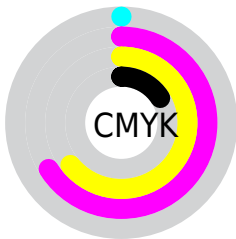
Blue (30%)



Red (84%)

Yellow (29%)

Blue (30%)

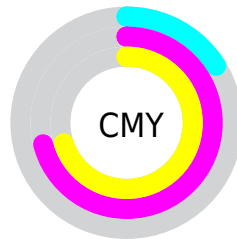


Cyan (0%)

Magenta (66%)

Yellow (64%)

Black (16%)



Cyan (16%)


Magenta (71%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5971, 0.5225, 0.3256 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 19.5971, 0.5225, 0.3256 by changing the saturation by 10% instead.


 19.5971, 0.5225,
0.3256

 19.5971, 0.5225,
0.3256


249.7256, 0.4033,
0.3353


 12.1025, 0.5561,
0.3191


 42.7407, 0.4760,
0.3318

 6.8135, 0.6005,
0.3075


 59.1584, 0.4595,
0.3333

 3.3458, 0.6629,
0.2874

 79.3193, 0.4459,
0.3342

 1.3148, 0.7510,
0.2490

 103.6079, 0.4345,
0.3347

 0.1526, 0.9168,
0.0832

 132.4083, 0.4249,
0.3350

 0.0000, 1.0000,
0.0000

166.1052, 0.4167,

 0.0000, 0.0000,

0.3352

0.0000

205.0828, 0.4095,
0.3353

■ 19.5971, 0.5225,
0.3256

■ 19.5971, 0.5225,
0.3256

■ 17.0039, 0.5687,
0.3261

■ 23.2534, 0.4755,
0.3256

■ 15.3571, 0.6072,
0.3271

■ 28.0668, 0.4327,
0.3260


■ 14.5179, 0.6315,
0.3285

■ 34.1248, 0.3961,
0.3266


■ 14.3057, 0.6376,
0.3286

■ 41.5056, 0.3660,
0.3273

■ 50.2809, 0.3417,
0.3280

 60.5174, 0.3223,
0.3286

 72.2774, 0.3067,
0.3293

 85.6196, 0.2942,
0.3298

 93.0326, 0.2883,
0.3289

Harmonies

Analogous

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



19.5971, 0.4392, 0.2580



19.5971, 0.5225, 0.3256



19.5971, 0.5283, 0.3999

Triad

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



19.5971, 0.5225, 0.3256



19.5971, 0.2734, 0.5228



19.5971, 0.1571, 0.1704

Complementary

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



19.5971, 0.5225, 0.3256



54.1539, 0.2372, 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.



19.5971, 0.1317, 0.2005



19.5971, 0.5225, 0.3256



19.5971, 0.1866, 0.4050

Square

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



19.5971, 0.5225, 0.3256



19.5971, 0.3760, 0.5399



19.5971, 0.1395, 0.2770



19.5971, 0.2184, 0.1734

Rectangle

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



19.5971, 0.5225, 0.3256



19.5971, 0.4941, 0.4526



19.5971, 0.1395, 0.2770



19.5971, 0.1449, 0.1763

Sweetspot

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



19.5982, 0.5225, 0.3256



68.8741, 0.3516, 0.3277



23.2199, 0.3145, 0.1786



13.9587, 0.3586, 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.



19.5982, 0.5225, 0.3256



24.1743, 0.5852, 0.3265



33.1842, 0.4649, 0.4046



12.4264, 0.3287, 0.3284



8.6516, 0.6368, 0.3282



0.5238, 0.6267, 0.3226

Inverse Universe

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



19.5982, 0.5225, 0.3256



24.1743, 0.5852, 0.3265



27.5160, 0.2115, 0.2282



12.4264, 0.3287, 0.3284



8.6516, 0.6368, 0.3282



0.5238, 0.6267, 0.3226

Previews

White Background



This preview shows how the Yxy color 19.5971, 0.5225, 0.3256 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 19.5971, 0.5225, 0.3256 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 19.5971, 0.5225, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 19.5971, 0.5225, 0.3256.



This preview shows how white text looks on a background with the Yxy color 19.5971, 0.5225, 0.3256.

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

19.5971, 0.5225, 0.3256

Protanopia

19.8543, 0.3535, 0.3773

Deuteranopia

19.6488, 0.4157, 0.4075



Tritanopia

19.5971, 0.5225, 0.3256

Trichromacy



Original Color

19.5971, 0.5225, 0.3256

Protanomaly

18.4184, 0.4145, 0.3535

Deuteranomaly

18.6726, 0.4577, 0.3701

Tritanomaly

19.5971, 0.5225, 0.3256

Monochromacy



Original Color

19.5971, 0.5225, 0.3256

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.7491, 0.3872, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5971, 0.5225, 0.3256 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(214, 73, 77)` looks like.

```
.text, #text, p{  
    color:rgb(214, 73, 77)  
}
```

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(214, 73, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 73, 77) }
```

Border

The CSS property to change the border of an element to Yxy 19.5971, 0.5225, 0.3256 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(214, 73, 77) }
```

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

```
.border{ border-color:rgb(214, 73, 77) }
```

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

Here you see how a box with a 4 pixel rgb(214, 73, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 73, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 73, 77);  
box-shadow:4px 4px 4px 4px rgb(214, 73,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5971, 0.5225, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 73, 77) }
```

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

```
.background{ background-color: rgb(214, 73,  
77) }
```

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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