

Converting Colors

$Y_{xy}(23.1304, 0.5168, 0.3510)$

Have a look what the booklet for
Yxy(23.1304, 0.5168, 0.3510)
contains.

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Color

Yxy(23.0147, 0.5171, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	DA5C47
RGB	218, 92, 71
RGB Percent	85%, 36%, 28%
CMY	0.1451, 0.6392, 0.7215
CMYK	0.00, 0.58, 0.67, 0.15
HSL	9°, 67%, 57%
HSV	9°, 67%, 85%
XYZ	33.8767, 23.0147, 8.6215
YIQ	127.2800, 81.8370, 20.1810

Conversions

Conversions Part 2

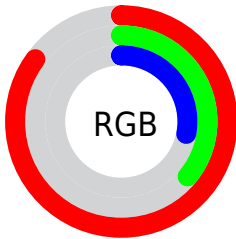
Format	Color
R_{YB}	218, 96, 71
Decimal	14310471
CIE _{Lab}	55.09, 48.10, 36.68
CIE _{LCh}	55, 60.487, 37.333
Yxy	23.0147, 0.5171, 0.3513
Android (android.graphics.Color)	4292500551 (0xFFDA5C47)
YUV	127.2800, -27.7460, 79.5614
Hunter-Lab	47.9736, 42.0945, 22.9263

Details

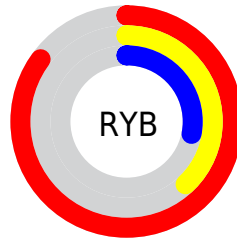
The Yxy color **23.0147, 0.5171, 0.3513** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **46.3344, 0.2273, 0.2990**, and the grayscale version is **21.4033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1738, 0.4527, 0.3560**, and **8.5658, 0.5861, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **19.9361, 0.5601, 0.3503**, and if you desaturate by 10%, it is **26.9946, 0.4737, 0.3500**.

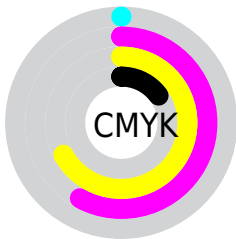
Distribution



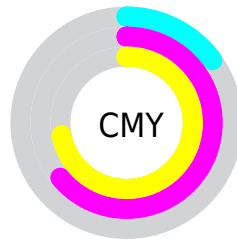
- Red (85%)
- Green (36%)
- Blue (28%)



- Red (85%)
- Yellow (38%)
- Blue (28%)



- Cyan (0%)
- Magenta (58%)
- Yellow (67%)
- Black (15%)





- Cyan (15%)
- Magenta (64%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.0147, 0.5171, 0.3513 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 23.0147, 0.5171, 0.3513 by changing the saturation by 10% instead.


 23.0147, 0.5171,
0.3513


 23.0147, 0.5171,
0.3513


267.8005, 0.4043,
0.3480


 14.6044, 0.5471,
0.3480


 48.4175, 0.4743,
0.3528

 8.5422, 0.5856,
0.3407


 66.1787, 0.4586,
0.3525


 4.4438, 0.6391,
0.3271

 87.8256, 0.4457,
0.3519

 1.9248, 0.7046,
0.2954

 113.7427, 0.4348,
0.3511

 0.5632, 0.7838,
0.2162

 144.3144, 0.4254,
0.3503

 0.0000, 1.0000,
0.0000

179.9250, 0.4174,

 0.0000, 0.0000,

0.3495

0.0000

220.9589, 0.4104,
0.3487

■ 23.0147, 0.5171,
0.3513

■ 23.0147, 0.5171,
0.3513

■ 19.9361, 0.5601,
0.3503

■ 26.9946, 0.4737,
0.3500

■ 17.6838, 0.5971,
0.3466

■ 31.9353, 0.4336,
0.3472


■ 16.1756, 0.6229,
0.3407


■ 37.8955, 0.3987,
0.3435


■ 15.8912, 0.6281,
0.3395

■ 44.9283, 0.3693,
0.3395

■ 53.0830, 0.3450,
0.3355

 62.4058, 0.3251,
0.3317

 72.9404, 0.3088,
0.3281

 84.7280, 0.2955,
0.3249

 93.6441, 0.2906,
0.3289

Harmonies

Analogous

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



23.0147, 0.4616, 0.2840



23.0147, 0.5171, 0.3513



23.0147, 0.5018, 0.4237

Triad

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



23.0147, 0.5171, 0.3513



23.0147, 0.2478, 0.4766



23.0147, 0.1822, 0.1779

Complementary

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



23.0147, 0.5171, 0.3513



46.3344, 0.2273, 0.2990

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.



23.0147, 0.1468, 0.1958



23.0147, 0.5171, 0.3513



23.0147, 0.1764, 0.3569

Square

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



23.0147, 0.5171, 0.3513



23.0147, 0.3426, 0.5284



23.0147, 0.1439, 0.2527



23.0147, 0.2530, 0.1896

Rectangle

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



23.0147, 0.5171, 0.3513



23.0147, 0.4611, 0.4720



23.0147, 0.1439, 0.2527



23.0147, 0.1666, 0.1802

Sweetspot

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



23.0160, 0.5171, 0.3513



72.3496, 0.3512, 0.3366



23.5089, 0.3424, 0.1944



14.7717, 0.3580, 0.3377



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.



23.0160, 0.5171, 0.3513



26.9190, 0.5771, 0.3491



41.9470, 0.4465, 0.4321



13.3500, 0.3288, 0.3324



9.6152, 0.6263, 0.3409



0.7208, 0.5995, 0.3621

Inverse Universe

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



46.3344, 0.2273, 0.2990



61.9796, 0.2182, 0.2917



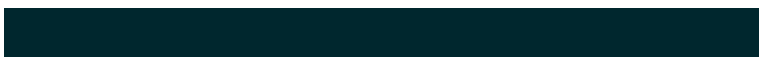
21.0466, 0.2001, 0.1866



14.4959, 0.2982, 0.3256



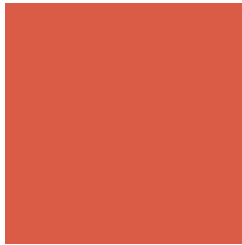
24.4116, 0.2120, 0.2833



1.6702, 0.2143, 0.2915

Previews

White Background



This preview shows how the Yxy color 23.0147, 0.5171, 0.3513 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 23.0147, 0.5171, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

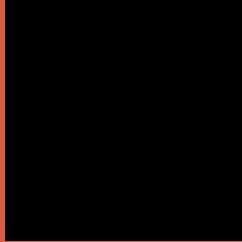
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.0147, 0.5171, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 23.0147, 0.5171, 0.3513.



This preview shows how white text looks on a background with the Yxy color 23.0147, 0.5171, 0.3513.

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

23.0147, 0.5171, 0.3513

Protanopia

23.1037, 0.3782, 0.4077

Deuteranopia

23.0784, 0.4299, 0.4224



Tritanopia

23.0310, 0.4887, 0.3229

Trichromacy



Original Color

23.0147, 0.5171, 0.3513

Protanomaly

21.9746, 0.4297, 0.3832

Deuteranomaly

22.5072, 0.4633, 0.3927

Tritanomaly

23.0443, 0.5005, 0.3339

Monochromacy



Original Color

23.0147, 0.5171, 0.3513

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.5697, 0.3836, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0147, 0.5171, 0.3513 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(218, 92, 71)` looks like.

```
.text, #text, p{  
    color:rgb(218, 92, 71)  
}
```

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(218, 92, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 92, 71) }
```

Border

The CSS property to change the border of an element to Yxy 23.0147, 0.5171, 0.3513 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(218, 92, 71) }
```

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

```
.border{ border-color:rgb(218, 92, 71) }
```

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

Here you see how a box with a 4 pixel rgb(218, 92, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 92, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 92, 71);  
box-shadow:4px 4px 4px 4px rgb(218, 92,  
71) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 23.0147, 0.5171, 0.3513$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 92, 71) }
```

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

```
.background{ background-color: rgb(218, 92,  
71) }
```

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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