

Converting Colors

$Y_{xy}(19.2101, 0.5528, 0.3567)$

Have a look what the booklet for
Yxy(19.2101, 0.5528, 0.3567)
contains.

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Color

Yxy(19.2146, 0.5530, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	D24D2F
RGB	210, 77, 47
RGB Percent	82%, 30%, 18%
CMY	0.1764, 0.6980, 0.8157
CMYK	0.00, 0.63, 0.78, 0.18
HSL	11°, 64%, 50%
HSV	11°, 78%, 82%
XYZ	29.7471, 19.2146, 4.8305
YIQ	113.3470, 88.8980, 18.8660

Conversions

Conversions Part 2

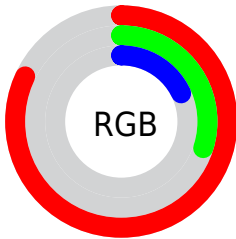
Format	Color
R _Y B	210, 84, 47
Decimal	13782319
CIE Lab	50.94, 50.95, 44.61
CIE LCh	51, 67.718, 41.203
Yxy	19.2146, 0.5530, 0.3572
Android (android.graphics.Color)	4291972399 (0xFFD24D2F)
YUV	113.3470, -32.7091, 84.7647
Hunter-Lab	43.8345, 44.4241, 24.1504

Details

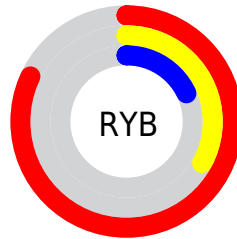
The Yxy color **19.2146, 0.5530, 0.3572** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **37.9054, 0.2177, 0.2833**, and the grayscale version is **16.7018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3188, 0.4886, 0.3641**, and **6.6375, 0.6302, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **16.9948, 0.5895, 0.3531**, and if you desaturate by 10%, it is **22.1497, 0.5114, 0.3580**.

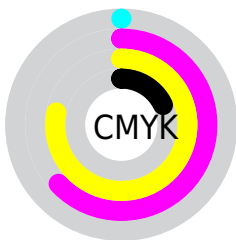
Distribution



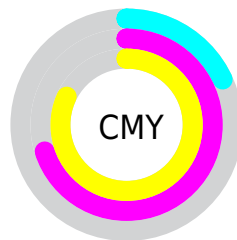
- Red (82%)
- Green (30%)
- Blue (18%)



- Red (82%)
- Yellow (33%)
- Blue (18%)



- Cyan (0%)
- Magenta (63%)
- Yellow (78%)
- Black (18%)





- Cyan (18%)
- Magenta (70%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2146, 0.5530, 0.3572 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 19.2146, 0.5530, 0.3572 by changing the saturation by 10% instead.


 19.2146, 0.5530,
0.3572


 19.2146, 0.5530,
0.3572


247.6309, 0.4197,
0.3551

 11.8254, 0.5872,
0.3508


 42.0964, 0.5029,
0.3609


 6.6249, 0.6306,
0.3382


 58.3579, 0.4844,
0.3608

 3.2287, 0.6861,
0.3139

 78.3455, 0.4689,
0.3602

 1.2522, 0.7390,
0.2610

 102.4438, 0.4559,
0.3593

 0.1038, 0.9331,
0.0669

 131.0371, 0.4448,
0.3583

 0.0000, 1.0000,
0.0000

 164.5098, 0.4353,

 0.0000, 0.0000,

0.3572

0.0000

203.2462, 0.4270,
0.3562

■ 19.2146, 0.5530,
0.3572

■ 19.2146, 0.5530,
0.3572

■ 16.9948, 0.5895,
0.3531

■ 22.1497, 0.5114,
0.3580

■ 15.4217, 0.6163,
0.3461


■ 25.8524, 0.4697,
0.3561


■ 15.1306, 0.6216,
0.3446


■ 30.3737, 0.4312,
0.3524


■ 35.7592, 0.3975,
0.3476

■ 42.0512, 0.3689,
0.3425

 49.2889, 0.3450,
0.3374

 57.5095, 0.3254,
0.3325

 66.7480, 0.3091,
0.3280

 77.0378, 0.2957,
0.3238

Harmonies

Analogous

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



19.2146, 0.5018, 0.2835



19.2146, 0.5530, 0.3572



19.2146, 0.5191, 0.4389

Triad

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



19.2146, 0.5530, 0.3572



19.2146, 0.2206, 0.4931



19.2146, 0.1712, 0.1576

Complementary

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



19.2146, 0.5530, 0.3572



37.9054, 0.2177, 0.2833

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.



19.2146, 0.1284, 0.1710



19.2146, 0.5530, 0.3572



19.2146, 0.1475, 0.3403

Square

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



19.2146, 0.5530, 0.3572



19.2146, 0.3256, 0.5669



19.2146, 0.1197, 0.2256



19.2146, 0.2556, 0.1747

Rectangle

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



19.2146, 0.5530, 0.3572



19.2146, 0.4651, 0.4967



19.2146, 0.1197, 0.2256



19.2146, 0.1528, 0.1584

Sweetspot

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



19.2157, 0.5530, 0.3572



69.9563, 0.3579, 0.3402



19.0364, 0.3588, 0.1905



14.1244, 0.3670, 0.3421



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.



19.2157, 0.5530, 0.3572



24.6932, 0.6080, 0.3488



38.4950, 0.4584, 0.4480



12.1551, 0.3286, 0.3333



9.3362, 0.6195, 0.3463



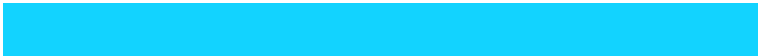
0.6303, 0.5853, 0.3734

Inverse Universe

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



37.9054, 0.2177, 0.2833



54.1149, 0.2098, 0.2724



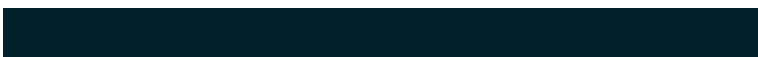
14.1101, 0.1831, 0.1499



13.0217, 0.2983, 0.3246



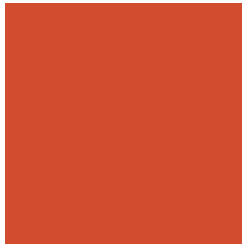
20.8236, 0.2082, 0.2695



1.2627, 0.2116, 0.2816

Previews

White Background



This preview shows how the Yxy color 19.2146, 0.5530, 0.3572 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 19.2146, 0.5530, 0.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

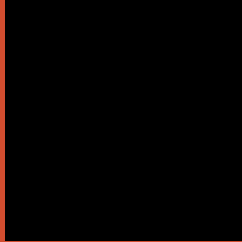
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2146, 0.5530, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 19.2146, 0.5530, 0.3572.



This preview shows how white text looks on a background with the Yxy color 19.2146, 0.5530, 0.3572.

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

19.2146, 0.5530, 0.3572

Protanopia

19.3962, 0.4016, 0.4384

Deuteranopia

19.3967, 0.4525, 0.4452



Tritanopia

19.1640, 0.5183, 0.3244

Trichromacy



Original Color

19.2146, 0.5530, 0.3572

Protanomaly

18.2653, 0.4604, 0.4054

Deuteranomaly

18.6615, 0.4939, 0.4077

Tritanomaly

19.1517, 0.5331, 0.3367

Monochromacy



Original Color

19.2146, 0.5530, 0.3572

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.1315, 0.4012, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2146, 0.5530, 0.3572 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(210, 77, 47)` looks like.

```
.text, #text, p{  
    color:rgb(210, 77, 47)  
}
```

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(210, 77, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 77, 47) }
```

Border

The CSS property to change the border of an element to Yxy 19.2146, 0.5530, 0.3572 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(210, 77, 47) }
```

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

```
.border{ border-color:rgb(210, 77, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 77, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 77, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 77, 47);  
box-shadow:4px 4px 4px 4px rgb(210, 77,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2146, 0.5530, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 77, 47) }
```

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

```
.background{ background-color: rgb(210, 77,  
47) }
```

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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