

Converting Colors

$Yxy(19.3444, 0.5729, 0.3654)$

Have a look what the booklet for
Yxy(19.3444, 0.5729, 0.3654)
contains.

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Color

Yxy(19.4170, 0.5728, 0.3650)

Conversions

Conversions Part 1

Format	Color
Hex	D64B1D
RGB	214, 75, 29
RGB Percent	84%, 29%, 11%
CMY	0.1608, 0.7059, 0.8860
CMYK	0.00, 0.65, 0.86, 0.16
HSL	15°, 76%, 48%
HSV	15°, 86%, 84%
XYZ	30.4714, 19.4170, 3.3089
YIQ	111.3170, 97.6100, 15.1620

Conversions

Conversions Part 2

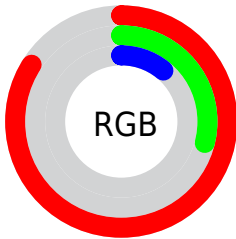
Format	Color
R_{YB}	214, 90, 29
Decimal	14043933
CIE Lab	51.17, 52.67, 53.40
CIE LCh	51, 75.008, 45.393
Yxy	19.4170, 0.5728, 0.3650
Android (android.graphics.Color)	4292234013 (0xFFD64B1D)
YUV	111.3170, -40.5823, 90.0530
Hunter-Lab	44.0647, 46.3220, 26.3932

Details

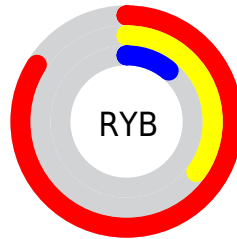
The Yxy color **19.4170, 0.5728, 0.3650** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **33.1518, 0.2076, 0.2581**, and the grayscale version is **16.0950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.7898, 0.5041, 0.3762**, and **6.7530, 0.6352, 0.3338** is the 20% darker color. If you saturate the color by 10%, you get **17.4328, 0.6010, 0.3572**, and if you desaturate by 10%, it is **22.0282, 0.5369, 0.3688**.

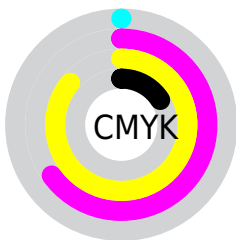
Distribution



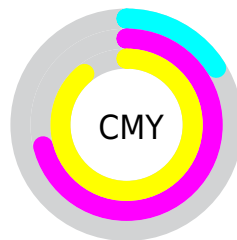
- Red (84%)
- Green (29%)
- Blue (11%)



- Red (84%)
- Yellow (35%)
- Blue (11%)



- Cyan (0%)
- Magenta (65%)
- Yellow (86%)
- Black (16%)





- Cyan (16%)
- Magenta (71%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4170, 0.5728, 0.3650 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 19.4170, 0.5728, 0.3650 by changing the saturation by 10% instead.


 19.4170, 0.5728,
0.3650


 19.4170, 0.5728,
0.3650


248.7413, 0.4321,
0.3632

 11.9720, 0.6060,
0.3566


 42.4376, 0.5217,
0.3703


 6.7246, 0.6540,
0.3448


 58.7819, 0.5022,
0.3703


 3.2905, 0.6904,
0.3096


 78.8614, 0.4857,
0.3696

 1.2852, 0.7433,
0.2567

 103.0606, 0.4717,
0.3685

 0.1297, 0.9226,
0.0774

 131.7637, 0.4597,
0.3672

 0.0000, 1.0000,
0.0000

 165.3553, 0.4492,

 0.0000, 0.0000,

0.3659

0.0000

204.2197, 0.4401,
0.3645

19.4170, 0.5728,
0.3650

19.4170, 0.5728,
0.3650

17.4328, 0.6010,
0.3572

22.0282, 0.5369,
0.3688

16.8565, 0.6096,
0.3542

25.3144, 0.4976,
0.3686

29.3220, 0.4588,
0.3652

34.0920, 0.4230,
0.3597

39.6624, 0.3916,
0.3532

■ 46.0682, 0.3647,
0.3463

■ 53.3427, 0.3421,
0.3395

■ 61.5169, 0.3232,
0.3329

■ 70.6205, 0.3074,
0.3269

Harmonies

Analogous

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



19.4170, 0.5341, 0.2879



19.4170, 0.5728, 0.3650



19.4170, 0.5210, 0.4533

Triad

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



19.4170, 0.5728, 0.3650



19.4170, 0.1962, 0.4908



19.4170, 0.1699, 0.1465

Complementary

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



19.4170, 0.5728, 0.3650



33.1518, 0.2076, 0.2581

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.



19.4170, 0.1201, 0.1547



19.4170, 0.5728, 0.3650



19.4170, 0.1273, 0.3171

Square

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



19.4170, 0.5728, 0.3650



19.4170, 0.3047, 0.5910



19.4170, 0.1058, 0.2034



19.4170, 0.2662, 0.1686

Rectangle

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



19.4170, 0.5728, 0.3650



19.4170, 0.4570, 0.5177



19.4170, 0.1058, 0.2034



19.4170, 0.1488, 0.1456

Sweetspot

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



19.4181, 0.5728, 0.3650



68.6628, 0.3643, 0.3462



18.1140, 0.3790, 0.1933



13.9509, 0.3732, 0.3486



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.



19.4181, 0.5728, 0.3650



24.8514, 0.6112, 0.3529



41.1845, 0.4622, 0.4603



12.9168, 0.3285, 0.3349



10.3277, 0.6071, 0.3561



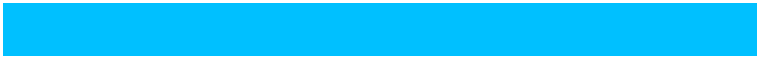
0.7552, 0.5727, 0.3834

Inverse Universe

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



33.1518, 0.2076, 0.2581



44.7755, 0.2013, 0.2448



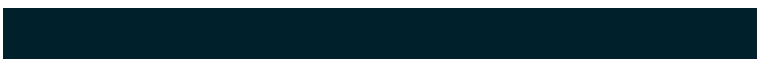
10.6217, 0.1694, 0.1169



13.5611, 0.2982, 0.3231



18.4828, 0.2020, 0.2470



1.2418, 0.2064, 0.2628

Previews

White Background



This preview shows how the Yxy color 19.4170, 0.5728, 0.3650 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 19.4170, 0.5728, 0.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

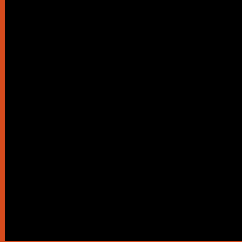
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4170, 0.5728, 0.3650

Background



This preview shows how black text looks on a background with the Yxy color 19.4170, 0.5728, 0.3650.



This preview shows how white text looks on a background with the Yxy color 19.4170, 0.5728, 0.3650.

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

19.4170, 0.5728, 0.3650

Protanopia

19.6444, 0.4198, 0.4634

Deuteranopia

19.4593, 0.4713, 0.4640



Tritanopia

19.3218, 0.5302, 0.3257

Trichromacy



Original Color

19.4170, 0.5728, 0.3650

Protanomaly

18.4410, 0.4812, 0.4225

Deuteranomaly

18.5616, 0.5154, 0.4229

Tritanomaly

19.3873, 0.5496, 0.3425

Monochromacy



Original Color

19.4170, 0.5728, 0.3650

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.6253, 0.4149, 0.3589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4170, 0.5728, 0.3650 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, 75, 29)` looks like.

```
.text, #text, p{  
    color:rgb(214, 75, 29)  
}
```

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, 75, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 75, 29) }
```

Border

The CSS property to change the border of an element to Yxy 19.4170, 0.5728, 0.3650 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, 75, 29) }
```

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

```
.border{ border-color:rgb(214, 75, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 75, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 75, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 75, 29);  
box-shadow:4px 4px 4px 4px rgb(214, 75,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4170, 0.5728, 0.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 75, 29) }
```

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

```
.background{ background-color: rgb(214, 75,  
29) }
```

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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