

Converting Colors

$Y_{xy}(17.1102, 0.5720, 0.3685)$

Have a look what the booklet for
Yxy(17.1102, 0.5720, 0.3685)
contains.

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Color

Yxy(17.1182, 0.5719, 0.3685)

Conversions

Conversions Part 1

Format	Color
Hex	C94818
RGB	201, 72, 24
RGB Percent	79%, 28%, 9%
CMY	0.2118, 0.7176, 0.9058
CMYK	0.00, 0.64, 0.88, 0.21
HSL	16°, 79%, 44%
HSV	16°, 88%, 79%
XYZ	26.5669, 17.1182, 2.7686
YIQ	105.0990, 92.2920, 12.4200

Conversions

Conversions Part 2

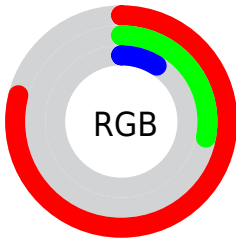
Format	Color
R_{YB}	201, 90, 24
Decimal	13191192
CIE Lab	48.41, 49.29, 52.24
CIE LCh	48, 71.823, 46.661
Yxy	17.1182, 0.5719, 0.3685
Android (android.graphics.Color)	4291381272 (0xFFC94818)
YUV	105.0990, -39.9818, 84.1052
Hunter-Lab	41.3741, 42.2125, 24.9944

Details

The Yxy color **17.1182, 0.5719, 0.3685** 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 **27.1846, 0.2050, 0.2498**, and the grayscale version is **14.2493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.6761, 0.5120, 0.3760**, and **5.6626, 0.6343, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **15.3877, 0.5991, 0.3603**, and if you desaturate by 10%, it is **19.3611, 0.5376, 0.3727**.

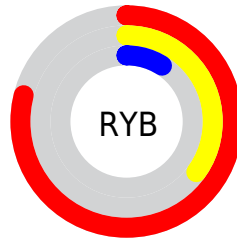
Distribution



Red (79%)

Green (28%)

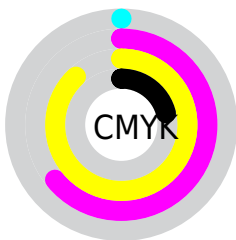
Blue (9%)



Red (79%)

Yellow (35%)

Blue (9%)

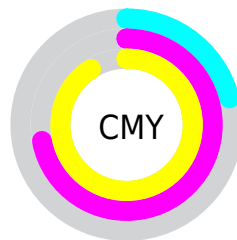


Cyan (0%)

Magenta (64%)

Yellow (88%)

Black (21%)



Cyan (21%)


Magenta (72%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1182, 0.5719, 0.3685 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 17.1182, 0.5719, 0.3685 by changing the saturation by 10% instead.


 17.1182, 0.5719,
0.3685


 17.1182, 0.5719,
0.3685


235.8526, 0.4293,
0.3645


 10.3188, 0.6061,
0.3598


 38.5289, 0.5195,
0.3734


 5.6108, 0.6540,
0.3460

 53.9090, 0.4997,
0.3731


 2.6099, 0.6921,
0.3079

 72.9181, 0.4830,
0.3721

 0.9317, 0.7506,
0.2494

 95.9406, 0.4689,
0.3707


 0.0000, 1.0000,
0.0000


 123.3609, 0.4568,
0.3692


 0.0000, 0.0000,
0.0000

 155.5634, 0.4464,


0.3676


 192.9325, 0.4373,
0.3660


 17.1182, 0.5719,
0.3685

 17.1182, 0.5719,
0.3685


 15.3877, 0.5991,
0.3603


 19.3611, 0.5376,
0.3727

 15.1029, 0.6039,
0.3587

 22.1567, 0.4996,
0.3727

 25.5422, 0.4617,
0.3692

 29.5505, 0.4264,
0.3635

 34.2118, 0.3951,
0.3565

■ 39.5542, 0.3681,
0.3490

■ 45.6044, 0.3452,
0.3415

■ 52.3873, 0.3259,
0.3344

■ 59.9267, 0.3098,
0.3277

Harmonies

Analogous

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



17.1182, 0.5376, 0.2911



17.1182, 0.5719, 0.3685



17.1182, 0.5173, 0.4574

Triad

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



17.1182, 0.5719, 0.3685



17.1182, 0.1925, 0.4834



17.1182, 0.1731, 0.1470

Complementary

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



17.1182, 0.5719, 0.3685



27.1846, 0.2050, 0.2498

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.



17.1182, 0.1216, 0.1539



17.1182, 0.5719, 0.3685



17.1182, 0.1257, 0.3107

Square

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



17.1182, 0.5719, 0.3685



17.1182, 0.2999, 0.5897



17.1182, 0.1060, 0.2004



17.1182, 0.2715, 0.1703

Rectangle

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



17.1182, 0.5719, 0.3685



17.1182, 0.4525, 0.5217



17.1182, 0.1060, 0.2004



17.1182, 0.1513, 0.1457

Sweetspot

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



17.1192, 0.5719, 0.3685



69.3950, 0.3639, 0.3477



15.3954, 0.3901, 0.1987



14.1212, 0.3727, 0.3504



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.



17.1192, 0.5719, 0.3685



25.5383, 0.6062, 0.3569



37.5162, 0.4570, 0.4663



11.0974, 0.3283, 0.3353



9.6296, 0.6014, 0.3607



0.5799, 0.5591, 0.3943

Inverse Universe

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



27.1846, 0.2050, 0.2498



42.2624, 0.1990, 0.2365



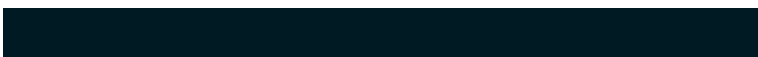
8.2265, 0.1661, 0.1065



11.5620, 0.2984, 0.3226



15.8274, 0.1998, 0.2393



0.8650, 0.2056, 0.2602

Previews

White Background



This preview shows how the Yxy color 17.1182, 0.5719, 0.3685 looks on a white 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

Black Background



This preview shows how the Yxy color 17.1182, 0.5719, 0.3685 looks on a black 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

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

Yxy 17.1182, 0.5719, 0.3685

Background



This preview shows how black text looks on a background with the Yxy color 17.1182, 0.5719, 0.3685.



This preview shows how white text looks on a background with the Yxy color 17.1182, 0.5719, 0.3685.

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

17.1182, 0.5719, 0.3685

Protanopia

17.3580, 0.4233, 0.4663

Deuteranopia

17.2629, 0.4697, 0.4652



Tritanopia

17.0258, 0.5256, 0.3254

Trichromacy



Original Color

17.1182, 0.5719, 0.3685

Protanomaly

16.2812, 0.4839, 0.4256

Deuteranomaly

16.4925, 0.5138, 0.4246

Tritanomaly

17.0791, 0.5476, 0.3444

Monochromacy



Original Color

17.1182, 0.5719, 0.3685

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.9260, 0.4150, 0.3604

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1182, 0.5719, 0.3685 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(201, 72, 24)` looks like.

```
.text, #text, p{  
    color:rgb(201, 72, 24)  
}
```

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(201, 72, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 72, 24) }
```

Border

The CSS property to change the border of an element to Yxy 17.1182, 0.5719, 0.3685 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(201, 72, 24) }
```

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

```
.border{ border-color:rgb(201, 72, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 72, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 72, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 72, 24);  
box-shadow:4px 4px 4px 4px rgb(201, 72,  
24) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1182, 0.5719, 0.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 72, 24) }
```

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

```
.background{ background-color: rgb(201, 72,  
24) }
```

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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