

Converting Colors

$Yxy(14.9914, 0.5683, 0.3283)$

Have a look what the booklet for
Yxy(14.9914, 0.5683, 0.3283)
contains.

Yxy(14.9466, 0.5673, 0.3280)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.9466, 0.5673, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	C93234
RGB	201, 50, 52
RGB Percent	79%, 20%, 20%
CMY	0.2117, 0.8040, 0.7961
CMYK	0.00, 0.75, 0.74, 0.21
HSL	359°, 60%, 49%
HSV	359°, 75%, 79%
XYZ	25.8512, 14.9466, 4.7711
YIQ	95.3770, 89.3540, 32.6340

Conversions

Conversions Part 2

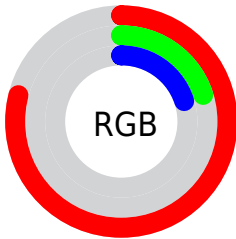
Format	Color
R_{YB}	201, 50, 52
Decimal	13185588
CIE _{Lab}	45.56, 58.61, 35.63
CIE _{LCh}	46, 68.587, 31.298
Yxy	14.9466, 0.5673, 0.3280
Android (android.graphics.Color)	4291375668 (0xFFC93234)
YUV	95.3770, -21.3849, 92.6314
Hunter-Lab	38.6608, 51.7007, 19.7457

Details

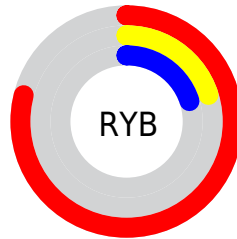
The Yxy color **14.9466, 0.5673, 0.3280** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **46.5823, 0.2316, 0.3318**, and the grayscale version is **11.5737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.8860, 0.5020, 0.3379**, and **5.5065, 0.6316, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **13.4476, 0.6063, 0.3286**, and if you desaturate by 10%, it is **17.2764, 0.5207, 0.3277**.

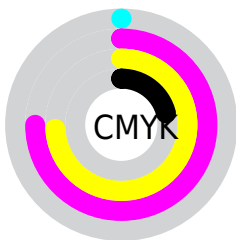
Distribution



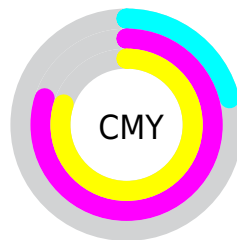
- Red (79%)
- Green (20%)
- Blue (20%)



- Red (79%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (75%)
- Yellow (74%)
- Black (21%)




- Cyan (21%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9466, 0.5673, 0.3280 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 14.9466, 0.5673, 0.3280 by changing the saturation by 10% instead.


 14.9466, 0.5673,
0.3280


 14.9466, 0.5673,
0.3280


223.0428, 0.4196,
0.3411


 8.7819, 0.6085,
0.3172


 34.7595, 0.5095,
0.3375


 4.5992, 0.6632,
0.2985

 49.1765, 0.4889,
0.3395


 2.0141, 0.7357,
0.2643

 67.1130, 0.4720,
0.3406

 0.6156, 0.8113,
0.1887

 88.9535, 0.4579,
0.3412

 0.0000, 1.0000,
0.0000

 115.0823, 0.4460,
0.3414

 0.0000, 0.0000,
0.0000

 145.8839, 0.4359,

0.3414

181.7426, 0.4272,
0.3413

■ 14.9466, 0.5673,
0.3280

■ 14.9466, 0.5673,
0.3280

■ 13.4476, 0.6063,
0.3286

■ 17.2764, 0.5207,
0.3277

■ 12.6595, 0.6311,
0.3293

■ 20.5305, 0.4737,
0.3277

■ 12.4257, 0.6388,
0.3293

■ 24.7927, 0.4309,
0.3278

■ 30.1367, 0.3945,
0.3280

■ 36.6294, 0.3645,
0.3283

■ 44.3324, 0.3404,
0.3286

■ 53.3026, 0.3211,
0.3289

■ 63.5936, 0.3056,
0.3291

■ 75.2559, 0.2932,
0.3294

Harmonies

Analogous

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



14.9466, 0.4812, 0.2541



14.9466, 0.5673, 0.3280



14.9466, 0.5536, 0.4101

Triad

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



14.9466, 0.5673, 0.3280



14.9466, 0.2446, 0.5566



14.9466, 0.1418, 0.1466

Complementary

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



14.9466, 0.5673, 0.3280



46.5823, 0.2316, 0.3318

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.



14.9466, 0.1096, 0.1716



14.9466, 0.5673, 0.3280



14.9466, 0.1535, 0.3960

Square

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



14.9466, 0.5673, 0.3280



14.9466, 0.3597, 0.5833



14.9466, 0.1112, 0.2473



14.9466, 0.2148, 0.1548

Rectangle

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



14.9466, 0.5673, 0.3280



14.9466, 0.5038, 0.4724



14.9466, 0.1112, 0.2473



14.9466, 0.1271, 0.1507

Sweetspot

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



14.9475, 0.5673, 0.3280



64.9352, 0.3598, 0.3283



18.5713, 0.3172, 0.1678



12.9478, 0.3696, 0.3282



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.



14.9475, 0.5673, 0.3280



22.0634, 0.6235, 0.3290



26.8116, 0.4879, 0.4120



10.6392, 0.3287, 0.3287



7.8124, 0.6384, 0.3291



0.3707, 0.6326, 0.3258

Inverse Universe

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



14.9475, 0.5673, 0.3280



22.0634, 0.6235, 0.3290



20.3383, 0.1996, 0.2074



10.6392, 0.3287, 0.3287



7.8124, 0.6384, 0.3291



0.3707, 0.6326, 0.3258

Previews

White Background



This preview shows how the Yxy color 14.9466, 0.5673, 0.3280 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 14.9466, 0.5673, 0.3280 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 14.9466, 0.5673, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 14.9466, 0.5673, 0.3280.



This preview shows how white text looks on a background with the Yxy color 14.9466, 0.5673, 0.3280.

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

14.9466, 0.5673, 0.3280

Protanopia

15.2438, 0.3756, 0.4067

Deuteranopia

15.0186, 0.4415, 0.4345



Tritanopia

14.9466, 0.5673, 0.3280

Trichromacy



Original Color

14.9466, 0.5673, 0.3280

Protanomaly

13.6455, 0.4508, 0.3700

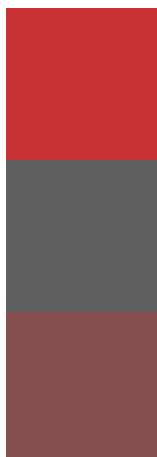
Deuteranomaly

13.9088, 0.4963, 0.3843

Tritanomaly

14.9466, 0.5673, 0.3280

Monochromacy



Original Color

14.9466, 0.5673, 0.3280

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.2248, 0.4118, 0.3293

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9466, 0.5673, 0.3280 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, 50, 52)` looks like.

```
.text, #text, p{  
    color:rgb(201, 50, 52)  
}
```

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, 50, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 50, 52) }
```

Border

The CSS property to change the border of an element to Yxy 14.9466, 0.5673, 0.3280 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, 50, 52) }
```

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

```
.border{ border-color:rgb(201, 50, 52) }
```

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

Here you see how a box with a 4 pixel rgb(201, 50, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 50, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 50, 52);  
box-shadow:4px 4px 4px 4px rgb(201, 50,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9466, 0.5673, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 50, 52) }
```

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

```
.background{ background-color: rgb(201, 50,  
52) }
```

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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