

Converting Colors

$Y_{xy}(14.9052, 0.5539, 0.3406)$

Have a look what the booklet for
Yxy(14.9052, 0.5539, 0.3406)
contains.

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Color

Yxy(14.9052, 0.5539, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	C13D32
RGB	193, 61, 50
RGB Percent	76%, 24%, 20%
CMY	0.2431, 0.7608, 0.8039
CMYK	0.00, 0.68, 0.74, 0.24
HSL	5°, 59%, 48%
HSV	5°, 74%, 76%
XYZ	24.2395, 14.9052, 4.6168
YIQ	99.2140, 82.2030, 24.5630

Conversions

Conversions Part 2

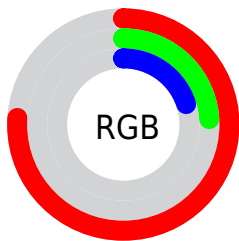
Format	Color
RYB	193, 62, 50
Decimal	12664114
CIELab	45.50, 51.97, 36.30
CIElCh	46, 63.395, 34.932
Yxy	14.9052, 0.5539, 0.3406
Android (android.graphics.Color)	4290854194 (0xFFC13D32)
YUV	99.2140, -24.2625, 82.2503
Hunter-Lab	38.6073, 44.5085, 19.9349

Details

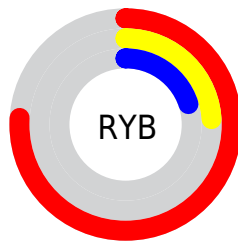
The Yxy color **14.9052, 0.5539, 0.3406** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **37.9943, 0.2268, 0.3114**, and the grayscale version is **12.5804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.6138, 0.4983, 0.3474**, and **4.9165, 0.6341, 0.3267** is the 20% darker color. If you saturate the color by 10%, you get **13.1770, 0.5943, 0.3388**, and if you desaturate by 10%, it is **17.3371, 0.5085, 0.3409**.

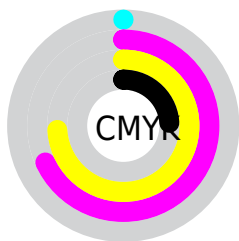
Distribution



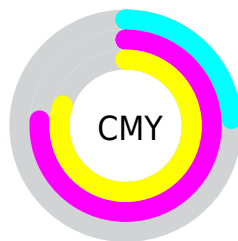
- Red (76%)
- Green (24%)
- Blue (20%)



- Red (76%)
- Yellow (24%)
- Blue (20%)



- Cyan (0%)
- Magenta (68%)
- Yellow (74%)
- Black (24%)





- Cyan (24%)
- Magenta (76%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9052, 0.5539, 0.3406 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 14.9052, 0.5539, 0.3406 by changing the saturation by 10% instead.


 14.9052, 0.5539,
0.3406


 14.9052, 0.5539,
0.3406


222.7917, 0.4137,
0.3459


 8.7529, 0.5932,
0.3321


 34.6868, 0.4989,
0.3470


 4.5803, 0.6465,
0.3165

 49.0848, 0.4793,
0.3478


 2.0032, 0.7153,
0.2847

 67.0003, 0.4633,
0.3481

 0.6093, 0.7907,
0.2093

 88.8175, 0.4499,
0.3479

 0.0000, 1.0000,
0.0000

 114.9208, 0.4387,
0.3475

 0.0000, 0.0000,
0.0000

 145.6947, 0.4291,

0.3470

181.5235, 0.4209,
0.3465

■ 14.9052, 0.5539,
0.3406

■ 14.9052, 0.5539,
0.3406

■ 13.1770, 0.5943,
0.3388

■ 17.3371, 0.5085,
0.3409

■ 12.0749, 0.6232,
0.3357

■ 20.5344, 0.4639,
0.3399

■ 11.6763, 0.6346,
0.3343

■ 24.5551, 0.4238,
0.3382

■ 29.4508, 0.3895,
0.3361

■ 35.2688, 0.3612,
0.3340

■ 42.0533, 0.3381,
0.3318

■ 49.8452, 0.3193,
0.3298

■ 58.6835, 0.3041,
0.3279

■ 68.6048, 0.2918,
0.3262

Harmonies

Analogous

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



14.9052, 0.4833, 0.2678



14.9052, 0.5539, 0.3406



14.9052, 0.5347, 0.4211

Triad

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



14.9052, 0.5539, 0.3406



14.9052, 0.2392, 0.5235



14.9052, 0.1570, 0.1554

Complementary

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



14.9052, 0.5539, 0.3406



37.9943, 0.2268, 0.3114

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.



14.9052, 0.1215, 0.1761



14.9052, 0.5539, 0.3406



14.9052, 0.1564, 0.3724

Square

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



14.9052, 0.5539, 0.3406



14.9052, 0.3481, 0.5697



14.9052, 0.1197, 0.2423



14.9052, 0.2328, 0.1667

Rectangle

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



14.9052, 0.5539, 0.3406



14.9052, 0.4856, 0.4798



14.9052, 0.1197, 0.2423



14.9052, 0.1412, 0.1584

Sweetspot

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



14.9061, 0.5539, 0.3406



65.1568, 0.3568, 0.3336



17.0594, 0.3324, 0.1787



13.3142, 0.3637, 0.3342



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.9061, 0.5539, 0.3406



22.2320, 0.6141, 0.3370



27.8132, 0.4702, 0.4261



10.1995, 0.3287, 0.3308



7.8122, 0.6335, 0.3352



0.3811, 0.6110, 0.3530

Inverse Universe

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



37.9943, 0.2268, 0.3114



65.3041, 0.2201, 0.3072



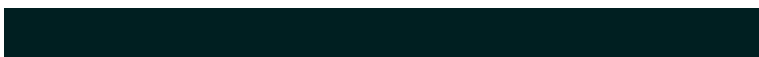
16.1112, 0.1956, 0.1884



11.2917, 0.2984, 0.3272



23.8360, 0.2181, 0.3051



1.0700, 0.2197, 0.3108

Previews

White Background



This preview shows how the Yxy color 14.9052, 0.5539, 0.3406 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 14.9052, 0.5539, 0.3406 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 14.9052, 0.5539, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 14.9052, 0.5539, 0.3406.



This preview shows how white text looks on a background with the Yxy color 14.9052, 0.5539, 0.3406.

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

14.9052, 0.5539, 0.3406

Protanopia

15.2409, 0.3847, 0.4178

Deuteranopia

15.0115, 0.4425, 0.4358



Tritanopia

14.8132, 0.5384, 0.3265

Trichromacy



Original Color

14.9052, 0.5539, 0.3406

Protanomaly

14.0915, 0.4493, 0.3838

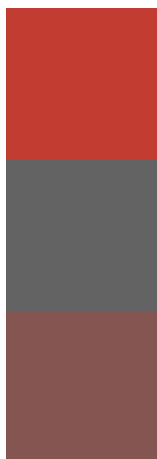
Deuteranomaly

14.2292, 0.4893, 0.3943

Tritanomaly

14.8747, 0.5436, 0.3318

Monochromacy



Original Color

14.9052, 0.5539, 0.3406

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.0776, 0.4020, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9052, 0.5539, 0.3406 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(193, 61, 50)` looks like.

```
.text, #text, p{  
    color:rgb(193, 61, 50)  
}
```

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(193, 61, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 61, 50) }
```

Border

The CSS property to change the border of an element to Yxy 14.9052, 0.5539, 0.3406 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(193, 61, 50) }
```

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

```
.border{ border-color:rgb(193, 61, 50) }
```

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

Here you see how a box with a 4 pixel rgb(193, 61, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 61, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 61, 50);  
box-shadow:4px 4px 4px 4px rgb(193, 61,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9052, 0.5539, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 61, 50) }
```

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

```
.background{ background-color: rgb(193, 61,  
50) }
```

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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