

Converting Colors

$Y_{xy}(14.3060, 0.5613, 0.3297)$

Have a look what the booklet for
Yxy(14.3060, 0.5613, 0.3297)
contains.

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Color

Yxy(14.3060, 0.5613, 0.3297)

Conversions

Conversions Part 1

Format	Color
Hex	C33434
RGB	195, 52, 52
RGB Percent	76%, 20%, 20%
CMY	0.2353, 0.7961, 0.7960
CMYK	0.00, 0.73, 0.73, 0.24
HSL	360°, 58%, 48%
HSV	360°, 73%, 76%
XYZ	24.3553, 14.3060, 4.7296
YIQ	94.7570, 85.2280, 30.3160

Conversions

Conversions Part 2

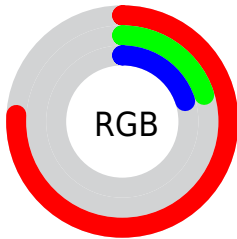
Format	Color
R_{YB}	195, 52, 52
Decimal	12792884
CIE _{Lab}	44.67, 56.08, 34.30
CIE _{LCh}	45, 65.735, 31.449
Yxy	14.3060, 0.5613, 0.3297
Android (android.graphics.Color)	4290982964 (0xFFC33434)
YUV	94.7570, -21.0792, 87.9131
Hunter-Lab	37.8233, 48.7499, 19.0624

Details

The Yxy color **14.3060, 0.5613, 0.3297** 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 **43.7022, 0.2316, 0.3288**, and the grayscale version is **11.4191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0981, 0.5013, 0.3389**, and **5.0041, 0.6308, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **12.7701, 0.6019, 0.3298**, and if you desaturate by 10%, it is **16.6347, 0.5141, 0.3296**.

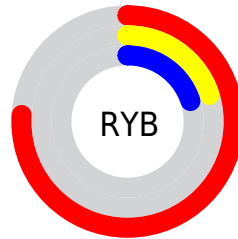
Distribution



Red (76%)

Green (20%)

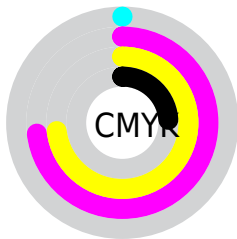
Blue (20%)



Red (76%)

Yellow (20%)

Blue (20%)

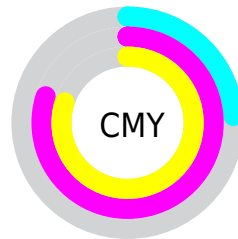


Cyan (0%)

Magenta (73%)

Yellow (73%)

Black (24%)



Cyan (24%)


Magenta (80%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3060, 0.5613, 0.3297 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 14.3060, 0.5613, 0.3297 by changing the saturation by 10% instead.


 14.3060, 0.5613,
0.3297


 14.3060, 0.5613,
0.3297


219.1262, 0.4158,
0.3412

 8.3338, 0.6026,
0.3194


 33.6310, 0.5039,
0.3385


 4.3093, 0.6585,
0.3013

 47.7526, 0.4835,
0.3402

 1.8480, 0.7330,
0.2670

 65.3594, 0.4669,
0.3412

 0.5168, 0.8182,
0.1818

 86.8359, 0.4532,
0.3416

 0.0000, 1.0000,
0.0000

 112.5665, 0.4416,
0.3417

 0.0000, 0.0000,
0.0000

 142.9354, 0.4317,

0.3416

178.3272, 0.4232,
0.3415

■ 14.3060, 0.5613,
0.3297

■ 14.3060, 0.5613,
0.3297

■ 12.7701, 0.6019,
0.3298

■ 16.6347, 0.5141,
0.3296

■ 11.9199, 0.6290,
0.3299

■ 19.8405, 0.4672,
0.3294

■ 11.6031, 0.6401,
0.3300

■ 23.9999, 0.4251,
0.3293

■ 29.1801, 0.3895,
0.3292

■ 35.4427, 0.3603,
0.3291

■ 42.8440, 0.3369,
0.3291

■ 51.4366, 0.3181,
0.3290

■ 61.2698, 0.3031,
0.3290

■ 72.3900, 0.2910,
0.3289

Harmonies

Analogous

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



14.3060, 0.4775, 0.2564



14.3060, 0.5613, 0.3297



14.3060, 0.5489, 0.4109

Triad

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



14.3060, 0.5613, 0.3297



14.3060, 0.2467, 0.5487



14.3060, 0.1453, 0.1500

Complementary

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



14.3060, 0.5613, 0.3297



43.7022, 0.2316, 0.3288

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.



14.3060, 0.1132, 0.1749



14.3060, 0.5613, 0.3297



14.3060, 0.1570, 0.3936

Square

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



14.3060, 0.5613, 0.3297



14.3060, 0.3599, 0.5773



14.3060, 0.1149, 0.2494



14.3060, 0.2176, 0.1582

Rectangle

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



14.3060, 0.5613, 0.3297



14.3060, 0.5006, 0.4717



14.3060, 0.1149, 0.2494



14.3060, 0.1306, 0.1541

Sweetspot

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



14.3069, 0.5613, 0.3297



64.6993, 0.3577, 0.3291



17.6841, 0.3172, 0.1701



13.4329, 0.3650, 0.3291



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.



14.3069, 0.5613, 0.3297



21.8186, 0.6202, 0.3299



25.5544, 0.4825, 0.4113



10.0779, 0.3289, 0.3290



7.5408, 0.6400, 0.3300



0.3258, 0.6399, 0.3299

Inverse Universe

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



14.3069, 0.5613, 0.3297



21.8186, 0.6202, 0.3299



19.5628, 0.2019, 0.2110



10.0779, 0.3289, 0.3290



7.5408, 0.6400, 0.3300



0.3258, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 14.3060, 0.5613, 0.3297 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 14.3060, 0.5613, 0.3297 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 14.3060, 0.5613, 0.3297

Background



This preview shows how black text looks on a background with the Yxy color 14.3060, 0.5613, 0.3297.



This preview shows how white text looks on a background with the Yxy color 14.3060, 0.5613, 0.3297.

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

14.3060, 0.5613, 0.3297

Protanopia

14.4633, 0.3760, 0.4040

Deuteranopia

14.3873, 0.4388, 0.4322



Tritanopia

14.3244, 0.5584, 0.3278

Trichromacy



Original Color

14.3060, 0.5613, 0.3297

Protanomaly

13.0342, 0.4503, 0.3691

Deuteranomaly

13.3523, 0.4927, 0.3846

Tritanomaly

14.3151, 0.5599, 0.3288

Monochromacy



Original Color

14.3060, 0.5613, 0.3297

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

10.9818, 0.4068, 0.3293

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3060, 0.5613, 0.3297 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(195, 52, 52)` looks like.

```
.text, #text, p{  
  color:rgb(195, 52, 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(195, 52, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 52, 52) }
```

Border

The CSS property to change the border of an element to Yxy 14.3060, 0.5613, 0.3297 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(195, 52, 52) }
```

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

```
.border{ border-color:rgb(195, 52, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 52, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 52, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 52, 52);  
box-shadow:4px 4px 4px 4px rgb(195, 52,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3060, 0.5613, 0.3297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 52, 52) }
```

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

```
.background{ background-color: rgb(195, 52,  
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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