

Converting Colors

$Y_{xy}(14.6031, 0.5638, 0.3329)$

Have a look what the booklet for
Yxy(14.6031, 0.5638, 0.3329)
contains.

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Color

Yxy(14.5123, 0.5639, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	C43532
RGB	196, 53, 50
RGB Percent	77%, 21%, 20%
CMY	0.2314, 0.7921, 0.8039
CMYK	0.00, 0.73, 0.74, 0.23
HSL	1°, 59%, 48%
HSV	1°, 74%, 77%
XYZ	24.6120, 14.5123, 4.5217
YIQ	95.4150, 86.1910, 29.3830

Conversions

Conversions Part 2

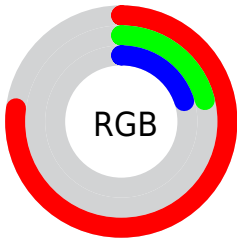
Format	Color
R _Y B	196, 53, 50
Decimal	12858674
CIE Lab	44.96, 55.94, 35.84
CIE LCh	45, 66.437, 32.649
Yxy	14.5123, 0.5639, 0.3325
Android (android.graphics.Color)	4291048754 (0xFFC43532)
YUV	95.4150, -22.3896, 88.2130
Hunter-Lab	38.0950, 48.6570, 19.6290

Details

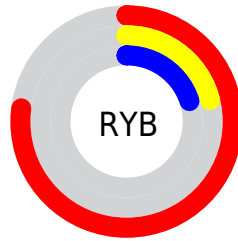
The Yxy color **14.5123, 0.5639, 0.3325** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **42.7887, 0.2298, 0.3241**, and the grayscale version is **11.5906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2749, 0.5028, 0.3416**, and **5.0793, 0.6343, 0.3268** is the 20% darker color. If you saturate the color by 10%, you get **12.9647, 0.6036, 0.3320**, and if you desaturate by 10%, it is **16.8345, 0.5173, 0.3326**.

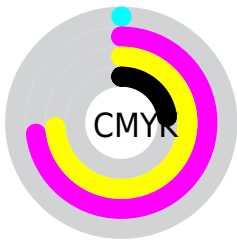
Distribution



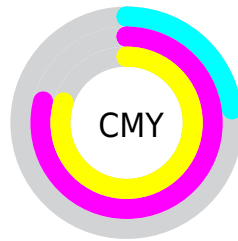
- Red (77%)
- Green (21%)
- Blue (20%)



- Red (77%)
- Yellow (21%)
- Blue (20%)



- Cyan (0%)
- Magenta (73%)
- Yellow (74%)
- Black (23%)





- Cyan (23%)
- Magenta (79%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5123, 0.5639, 0.3325 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 14.5123, 0.5639, 0.3325 by changing the saturation by 10% instead.


 14.5123, 0.5639,
0.3325


 14.5123, 0.5639,
0.3325


220.3950, 0.4175,
0.3430


 8.4778, 0.6049,
0.3222


 33.9953, 0.5064,
0.3411


 4.4022, 0.6608,
0.3044

 48.2126, 0.4860,
0.3427


 1.9010, 0.7310,
0.2690

 65.9264, 0.4692,
0.3435

 0.5490, 0.8126,
0.1874

 87.5209, 0.4553,
0.3438

 0.0000, 1.0000,
0.0000

 113.3806, 0.4436,
0.3438

 0.0000, 0.0000,
0.0000

 143.8900, 0.4336,

0.3436

179.4333, 0.4250,
0.3433

■ 14.5123, 0.5639,
0.3325

■ 14.5123, 0.5639,
0.3325

■ 12.9647, 0.6036,
0.3320

■ 16.8345, 0.5173,
0.3326

■ 12.0896, 0.6296,
0.3311

■ 20.0117, 0.4707,
0.3323

■ 11.8225, 0.6387,
0.3311

■ 24.1169, 0.4285,
0.3318

■ 29.2148, 0.3926,
0.3311

■ 35.3644, 0.3631,
0.3305

■ 42.6197, 0.3392,
0.3298

■ 51.0315, 0.3200,
0.3292

■ 60.6470, 0.3047,
0.3287

■ 71.5111, 0.2923,
0.3282

Harmonies

Analogous

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



14.5123, 0.4834, 0.2588



14.5123, 0.5639, 0.3325



14.5123, 0.5476, 0.4143

Triad

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



14.5123, 0.5639, 0.3325



14.5123, 0.2419, 0.5458



14.5123, 0.1466, 0.1490

Complementary

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



14.5123, 0.5639, 0.3325



42.7887, 0.2298, 0.3241

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.



14.5123, 0.1131, 0.1724



14.5123, 0.5639, 0.3325



14.5123, 0.1536, 0.3870

Square

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



14.5123, 0.5639, 0.3325



14.5123, 0.3552, 0.5802



14.5123, 0.1133, 0.2445



14.5123, 0.2210, 0.1584

Rectangle

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



14.5123, 0.5639, 0.3325



14.5123, 0.4976, 0.4758



14.5123, 0.1133, 0.2445



14.5123, 0.1315, 0.1527

Sweetspot

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



14.5132, 0.5639, 0.3325



66.7159, 0.3575, 0.3303



17.8909, 0.3232, 0.1721



13.5559, 0.3647, 0.3305



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.



14.5132, 0.5639, 0.3325



22.4179, 0.6209, 0.3315



26.7408, 0.4799, 0.4177



10.1105, 0.3288, 0.3295



7.6130, 0.6383, 0.3314



0.3407, 0.6317, 0.3366

Inverse Universe

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



42.7887, 0.2298, 0.3241



76.0261, 0.2244, 0.3231



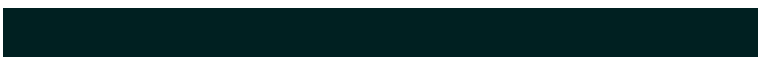
18.2319, 0.1983, 0.2002



11.3915, 0.2984, 0.3285



26.7845, 0.2229, 0.3225



1.1688, 0.2233, 0.3240

Previews

White Background



This preview shows how the Yxy color 14.5123, 0.5639, 0.3325 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 14.5123, 0.5639, 0.3325 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 14.5123, 0.5639, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 14.5123, 0.5639, 0.3325.



This preview shows how white text looks on a background with the Yxy color 14.5123, 0.5639, 0.3325.

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

14.5123, 0.5639, 0.3325

Protanopia

14.7025, 0.3807, 0.4114

Deuteranopia

14.7312, 0.4424, 0.4350



Tritanopia

14.4581, 0.5592, 0.3279

Trichromacy



Original Color

14.5123, 0.5639, 0.3325

Protanomaly

13.2643, 0.4537, 0.3737

Deuteranomaly

13.6906, 0.4963, 0.3876

Tritanomaly

14.4488, 0.5606, 0.3288

Monochromacy



Original Color

14.5123, 0.5639, 0.3325

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.2074, 0.4077, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5123, 0.5639, 0.3325 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(196, 53, 50)` looks like.

```
.text, #text, p{  
    color:rgb(196, 53, 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(196, 53, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 53, 50) }
```

Border

The CSS property to change the border of an element to Yxy 14.5123, 0.5639, 0.3325 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(196, 53, 50) }
```

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

```
.border{ border-color:rgb(196, 53, 50) }
```

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

Here you see how a box with a 4 pixel rgb(196, 53, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 53, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 53, 50);  
box-shadow:4px 4px 4px 4px rgb(196, 53,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5123, 0.5639, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 53, 50) }
```

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

```
.background{ background-color: rgb(196, 53,  
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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