

Converting Colors

$Y_{xy}(14.2999, 0.5464, 0.3335)$

Have a look what the booklet for
Yxy(14.2999, 0.5464, 0.3335)
contains.

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Color

Yxy(14.3509, 0.5464, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	BE3B37
RGB	190, 59, 55
RGB Percent	75%, 23%, 22%
CMY	0.2550, 0.7685, 0.7844
CMYK	0.00, 0.69, 0.71, 0.25
HSL	2°, 55%, 48%
HSV	2°, 71%, 75%
XYZ	23.4841, 14.3509, 5.1447
YIQ	97.7130, 79.3600, 26.5280

Conversions

Conversions Part 2

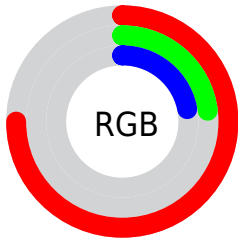
Format	Color
R_{YB}	190, 59, 55
Decimal	12466999
CIE _{Lab}	44.73, 51.97, 32.41
CIE _{LCh}	45, 61.248, 31.945
Yxy	14.3509, 0.5464, 0.3339
Android (android.graphics.Color)	4290657079 (0xFFBE3B37)
YUV	97.7130, -21.0575, 80.9357
Hunter-Lab	37.8826, 44.3607, 18.4659

Details

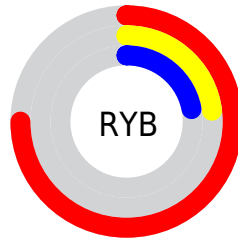
The Yxy color **14.3509, 0.5464, 0.3339** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **39.6129, 0.2312, 0.3224**, and the grayscale version is **12.1811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6894, 0.4917, 0.3411**, and **4.6937, 0.6252, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **12.6306, 0.5893, 0.3334**, and if you desaturate by 10%, it is **16.8115, 0.4995, 0.3338**.

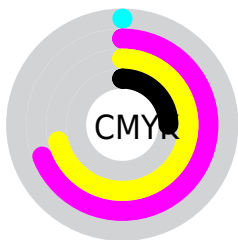
Distribution



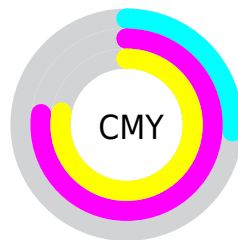
- Red (75%)
- Green (23%)
- Blue (22%)



- Red (75%)
- Yellow (23%)
- Blue (22%)



- Cyan (0%)
- Magenta (69%)
- Yellow (71%)
- Black (25%)





- Cyan (26%)
- Magenta (77%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3509, 0.5464, 0.3339 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 14.3509, 0.5464, 0.3339 by changing the saturation by 10% instead.


 14.3509, 0.5464,
0.3339


 14.3509, 0.5464,
0.3339

219.4030, 0.4090,
0.3416


 8.3651, 0.5863,
0.3253


 33.7104, 0.4917,
0.3407


 4.3295, 0.6397,
0.3092

 47.8528, 0.4725,
0.3419

 1.8595, 0.7195,
0.2805

 65.4830, 0.4569,
0.3424

 0.5239, 0.8038,
0.1962

 86.9853, 0.4440,
0.3426

 0.0000, 1.0000,
0.0000

 112.7440, 0.4331,
0.3425

 0.0000, 0.0000,
0.0000

 143.1436, 0.4238,

0.3422

178.5685, 0.4159,
0.3419

■ 14.3509, 0.5464,
0.3339

■ 14.3509, 0.5464,
0.3339

■ 12.6306, 0.5893,
0.3334

■ 16.8115, 0.4995,
0.3338

■ 11.5654, 0.6211,
0.3323

■ 20.0803, 0.4545,
0.3333

■ 11.0679, 0.6380,
0.3316

■ 24.2204, 0.4147,
0.3326

■ 29.2880, 0.3814,
0.3317

■ 35.3345, 0.3541,
0.3308

■ 42.4076, 0.3321,
0.3299

■ 50.5519, 0.3144,
0.3291

■ 59.8093, 0.3001,
0.3284

■ 70.2195, 0.2886,
0.3277

Harmonies

Analogous

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



14.3509, 0.4685, 0.2624



14.3509, 0.5464, 0.3339



14.3509, 0.5365, 0.4127

Triad

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



14.3509, 0.5464, 0.3339



14.3509, 0.2513, 0.5292



14.3509, 0.1544, 0.1586

Complementary

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



14.3509, 0.5464, 0.3339



39.6129, 0.2312, 0.3224

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.



14.3509, 0.1226, 0.1830



14.3509, 0.5464, 0.3339



14.3509, 0.1655, 0.3872

Square

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



14.3509, 0.5464, 0.3339



14.3509, 0.3595, 0.5623



14.3509, 0.1244, 0.2542



14.3509, 0.2249, 0.1668

Rectangle

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



14.3509, 0.5464, 0.3339



14.3509, 0.4920, 0.4699



14.3509, 0.1244, 0.2542



14.3509, 0.1399, 0.1627

Sweetspot

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



14.3517, 0.5464, 0.3339



63.7139, 0.3548, 0.3308



17.2940, 0.3228, 0.1764



13.2809, 0.3619, 0.3310



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.



14.3517, 0.5464, 0.3339



21.7304, 0.6080, 0.3328



25.8187, 0.4706, 0.4158



9.5810, 0.3288, 0.3297



7.3823, 0.6374, 0.3321



0.3051, 0.6275, 0.3400

Inverse Universe

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



39.6129, 0.2312, 0.3224



70.0631, 0.2247, 0.3209



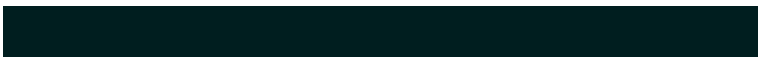
18.0169, 0.2027, 0.2074



10.7590, 0.2985, 0.3283



25.3695, 0.2221, 0.3197



1.0093, 0.2228, 0.3220

Previews

White Background



This preview shows how the Yxy color 14.3509, 0.5464, 0.3339 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 14.3509, 0.5464, 0.3339 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 14.3509, 0.5464, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 14.3509, 0.5464, 0.3339.



This preview shows how white text looks on a background with the Yxy color 14.3509, 0.5464, 0.3339.

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

14.3509, 0.5464, 0.3339

Protanopia

14.6963, 0.3727, 0.4018

Deuteranopia

14.4181, 0.4344, 0.4266



Tritanopia

14.3102, 0.5382, 0.3265

Trichromacy



Original Color

14.3509, 0.5464, 0.3339

Protanomaly

13.5453, 0.4382, 0.3717

Deuteranomaly

13.6582, 0.4806, 0.3852

Tritanomaly

14.2890, 0.5413, 0.3286

Monochromacy



Original Color

14.3509, 0.5464, 0.3339

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.7751, 0.3976, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3509, 0.5464, 0.3339 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(190, 59, 55)` looks like.

```
.text, #text, p{  
    color:rgb(190, 59, 55)  
}
```

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(190, 59, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 59, 55) }
```

Border

The CSS property to change the border of an element to Yxy 14.3509, 0.5464, 0.3339 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(190, 59, 55) }
```

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

```
.border{ border-color:rgb(190, 59, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 59, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 59, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 59, 55);  
box-shadow:4px 4px 4px 4px rgb(190, 59,  
55) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3509, 0.5464, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 59, 55) }
```

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

```
.background{ background-color: rgb(190, 59,  
55) }
```

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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