

Converting Colors

$Y_{xy}(14.1940, 0.5573, 0.3396)$

Have a look what the booklet for
Yxy(14.1940, 0.5573, 0.3396)
contains.

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Color

Yxy(14.1867, 0.5573, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	BE3A30
RGB	190, 58, 48
RGB Percent	75%, 23%, 19%
CMY	0.2549, 0.7725, 0.8118
CMYK	0.00, 0.69, 0.75, 0.25
HSL	4°, 60%, 47%
HSV	4°, 75%, 75%
XYZ	23.2811, 14.1867, 4.3070
YIQ	96.3280, 81.8820, 24.8740

Conversions

Conversions Part 2

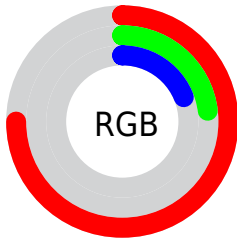
Format	Color
RYB	190, 59, 48
Decimal	12466736
CIELab	44.50, 52.07, 36.16
CIELCh	44, 63.395, 34.782
Yxy	14.1867, 0.5573, 0.3396
Android (android.graphics.Color)	4290656816 (0xFFBE3A30)
YUV	96.3280, -23.8257, 82.1503
Hunter-Lab	37.6652, 44.4175, 19.5859

Details

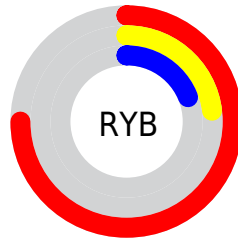
The Yxy color **14.1867, 0.5573, 0.3396** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **36.9791, 0.2269, 0.3127**, and the grayscale version is **11.8267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5191, 0.5011, 0.3465**, and **4.6715, 0.6376, 0.3286** is the 20% darker color. If you saturate the color by 10%, you get **12.5770, 0.5971, 0.3379**, and if you desaturate by 10%, it is **16.4758, 0.5119, 0.3399**.

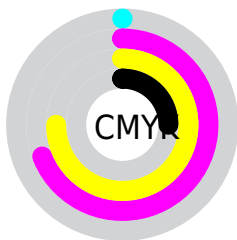
Distribution



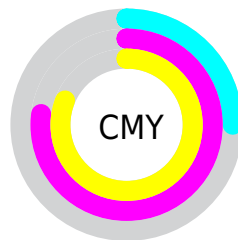
- Red (75%)
- Green (23%)
- Blue (19%)



- Red (75%)
- Yellow (23%)
- Blue (19%)



- Cyan (0%)
- Magenta (69%)
- Yellow (75%)
- Black (25%)





- Cyan (25%)
- Magenta (77%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1867, 0.5573, 0.3396 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 14.1867, 0.5573, 0.3396 by changing the saturation by 10% instead.


 14.1867, 0.5573,
0.3396


 14.1867, 0.5573,
0.3396


218.3892, 0.4143,
0.3457


 8.2506, 0.5977,
0.3304


 33.4199, 0.5010,
0.3465

 4.2557, 0.6541,
0.3145

 47.4859, 0.4810,
0.3475


 1.8176, 0.7212,
0.2788

 65.0306, 0.4646,
0.3478

 0.4981, 0.8087,
0.1913

 86.4384, 0.4511,
0.3476

 0.0000, 1.0000,
0.0000

 112.0938, 0.4397,
0.3473

 0.0000, 0.0000,
0.0000

 142.3812, 0.4299,

0.3468

177.6848, 0.4216,
0.3463

■ 14.1867, 0.5573,
0.3396

■ 14.1867, 0.5573,
0.3396

■ 12.5770, 0.5971,
0.3379

■ 16.4758, 0.5119,
0.3399

■ 11.5693, 0.6250,
0.3349

■ 19.5056, 0.4670,
0.3391

■ 11.2449, 0.6351,
0.3340

■ 23.3334, 0.4264,
0.3376

■ 28.0103, 0.3916,
0.3357

■ 33.5829, 0.3629,
0.3337

■ 40.0947, 0.3394,
0.3317

■ 47.5861, 0.3204,
0.3298

■ 56.0953, 0.3050,
0.3281

■ 65.6585, 0.2925,
0.3266

Harmonies

Analogous

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



14.1867, 0.4854, 0.2664



14.1867, 0.5573, 0.3396



14.1867, 0.5375, 0.4207

Triad

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



14.1867, 0.5573, 0.3396



14.1867, 0.2382, 0.5279



14.1867, 0.1549, 0.1535

Complementary

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



14.1867, 0.5573, 0.3396



36.9791, 0.2269, 0.3127

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.



14.1867, 0.1193, 0.1743



14.1867, 0.5573, 0.3396



14.1867, 0.1545, 0.3736

Square

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



14.1867, 0.5573, 0.3396



14.1867, 0.3482, 0.5734



14.1867, 0.1175, 0.2412



14.1867, 0.2311, 0.1647

Rectangle

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



14.1867, 0.5573, 0.3396



14.1867, 0.4875, 0.4803



14.1867, 0.1175, 0.2412



14.1867, 0.1390, 0.1564

Sweetspot

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



14.1875, 0.5573, 0.3396



63.5143, 0.3568, 0.3332



16.3771, 0.3325, 0.1781



13.2774, 0.3638, 0.3338



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.



14.1875, 0.5573, 0.3396



21.4544, 0.6175, 0.3360



26.7192, 0.4715, 0.4264



9.6416, 0.3287, 0.3307



7.5222, 0.6339, 0.3348



0.3320, 0.6119, 0.3524

Inverse Universe

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



36.9791, 0.2269, 0.3127



64.4530, 0.2203, 0.3088



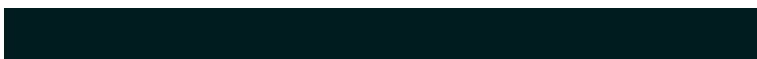
15.3963, 0.1949, 0.1871



10.6911, 0.2985, 0.3273



23.3225, 0.2186, 0.3071



0.9484, 0.2202, 0.3127

Previews

White Background



This preview shows how the Yxy color 14.1867, 0.5573, 0.3396 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 14.1867, 0.5573, 0.3396 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 14.1867, 0.5573, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 14.1867, 0.5573, 0.3396.



This preview shows how white text looks on a background with the Yxy color 14.1867, 0.5573, 0.3396.

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

14.1867, 0.5573, 0.3396

Protanopia

14.3800, 0.3851, 0.4179

Deuteranopia

14.3594, 0.4429, 0.4375



Tritanopia

14.0913, 0.5432, 0.3265

Trichromacy



Original Color

14.1867, 0.5573, 0.3396

Protanomaly

13.2899, 0.4515, 0.3830

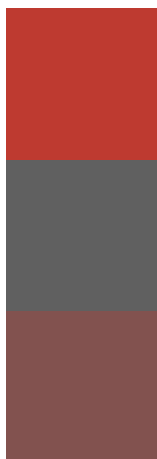
Deuteranomaly

13.4365, 0.4922, 0.3936

Tritanomaly

14.1492, 0.5484, 0.3318

Monochromacy



Original Color

14.1867, 0.5573, 0.3396

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.3449, 0.4028, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1867, 0.5573, 0.3396 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, 58, 48)` looks like.

```
.text, #text, p{  
    color:rgb(190, 58, 48)  
}
```

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, 58, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 58, 48) }
```

Border

The CSS property to change the border of an element to Yxy 14.1867, 0.5573, 0.3396 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, 58, 48) }
```

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

```
.border{ border-color:rgb(190, 58, 48) }
```

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

Here you see how a box with a 4 pixel rgb(190, 58, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 58, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 58, 48);  
box-shadow:4px 4px 4px 4px rgb(190, 58,  
48) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1867, 0.5573, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 58, 48) }
```

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

```
.background{ background-color: rgb(190, 58,  
48) }
```

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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