

Converting Colors

$Y_{xy}(13.9901, 0.5397, 0.3099)$

Have a look what the booklet for
Yxy(13.9901, 0.5397, 0.3099)
contains.

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Color

Yxy(13.9885, 0.5400, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	C23043
RGB	194, 48, 67
RGB Percent	76%, 19%, 26%
CMY	0.2392, 0.8118, 0.7373
CMYK	0.00, 0.75, 0.65, 0.24
HSL	352°, 60%, 47%
HSV	352°, 75%, 76%
XYZ	24.3200, 13.9885, 6.7285
YIQ	93.8200, 80.9170, 36.8610

Conversions

Conversions Part 2

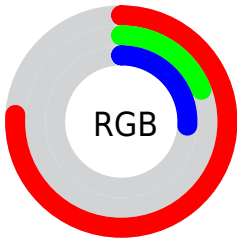
Format	Color
RYB	194, 48, 67
Decimal	12726339
CIELab	44.22, 57.87, 24.75
CIELCh	44, 62.945, 23.154
Yxy	13.9885, 0.5400, 0.3106
Android (android.graphics.Color)	4290916419 (0xFFC23043)
YUV	93.8200, -13.2223, 87.8579
Hunter-Lab	37.4012, 50.6169, 15.5145

Details

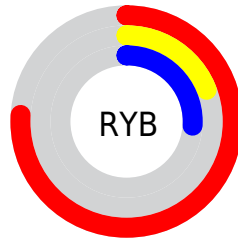
The Yxy color **13.9885, 0.5400, 0.3106** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **42.3110, 0.2398, 0.3592**, and the grayscale version is **11.1660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.8059, 0.4841, 0.3209**, and **5.0567, 0.6049, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **12.5609, 0.5807, 0.3136**, and if you desaturate by 10%, it is **16.1703, 0.4960, 0.3100**.

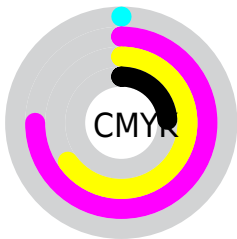
Distribution



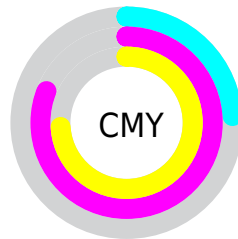
- Red (76%)
- Green (19%)
- Blue (26%)



- Red (76%)
- Yellow (19%)
- Blue (26%)



- Cyan (0%)
- Magenta (75%)
- Yellow (65%)
- Black (24%)




- Cyan (24%)
- Magenta (81%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9885, 0.5400, 0.3106 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 13.9885, 0.5400, 0.3106 by changing the saturation by 10% instead.


 13.9885, 0.5400,
0.3106


 13.9885, 0.5400,
0.3106

217.1593, 0.4050,
0.3296


 8.1127, 0.5808,
0.3002


 33.0686, 0.4855,
0.3211


 4.1671, 0.6363,
0.2821

 47.0417, 0.4666,
0.3238

 1.7675, 0.7412,
0.2588

 64.4827, 0.4513,
0.3257

 0.4668, 0.8324,
0.1676

 85.7759, 0.4388,
0.3270

 0.0000, 1.0000,
0.0000

 111.3057, 0.4282,
0.3279

 0.0000, 0.0000,
0.0000

 141.4567, 0.4193,

0.3286

176.6131, 0.4116,
0.3292

■ 13.9885, 0.5400,
0.3106

■ 13.9885, 0.5400,
0.3106

■ 12.5609, 0.5807,
0.3136

■ 16.1703, 0.4960,
0.3100

■ 11.7813, 0.6124,
0.3189

■ 19.1889, 0.4539,
0.3113

■ 11.5418, 0.6239,
0.3211

■ 23.1187, 0.4164,
0.3139

■ 28.0253, 0.3847,
0.3171

■ 33.9681, 0.3586,
0.3206

■ 41.0019, 0.3374,
0.3241

■ 49.1776, 0.3203,
0.3274

■ 58.5429, 0.3066,
0.3304

■ 69.1426, 0.2954,
0.3332

Harmonies

Analogous

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



13.9885, 0.4367, 0.2405



13.9885, 0.5400, 0.3106



13.9885, 0.5543, 0.3881

Triad

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



13.9885, 0.5400, 0.3106



13.9885, 0.2798, 0.5624



13.9885, 0.1371, 0.1576

Complementary

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



13.9885, 0.5400, 0.3106



42.3110, 0.2398, 0.3592

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.



13.9885, 0.1150, 0.1938



13.9885, 0.5400, 0.3106



13.9885, 0.1820, 0.4376

Square

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



13.9885, 0.5400, 0.3106



13.9885, 0.3914, 0.5562



13.9885, 0.1269, 0.2846



13.9885, 0.1963, 0.1572

Rectangle

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



13.9885, 0.5400, 0.3106



13.9885, 0.5189, 0.4453



13.9885, 0.1269, 0.2846



13.9885, 0.1260, 0.1650

Sweetspot

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



13.9893, 0.5400, 0.3106



63.7970, 0.3542, 0.3213



15.0699, 0.2958, 0.1571



13.0230, 0.3629, 0.3200



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.



13.9893, 0.5400, 0.3106



21.7594, 0.6017, 0.3166



21.0953, 0.5090, 0.3906



10.0988, 0.3269, 0.3260



7.5946, 0.6216, 0.3198



0.3353, 0.5726, 0.2928

Inverse Universe

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



13.9893, 0.5400, 0.3106



21.7594, 0.6017, 0.3166



23.4178, 0.2075, 0.2382



10.0988, 0.3269, 0.3260



7.5946, 0.6216, 0.3198



0.3353, 0.5726, 0.2928

Previews

White Background



This preview shows how the Yxy color 13.9885, 0.5400, 0.3106 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 13.9885, 0.5400, 0.3106 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 13.9885, 0.5400, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 13.9885, 0.5400, 0.3106.



This preview shows how white text looks on a background with the Yxy color 13.9885, 0.5400, 0.3106.

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

13.9885, 0.5400, 0.3106

Protanopia

14.2208, 0.3416, 0.3611

Deuteranopia

14.2903, 0.4151, 0.4092



Tritanopia

13.9622, 0.5593, 0.3278

Trichromacy



Original Color

13.9885, 0.5400, 0.3106

Protanomaly

12.6126, 0.4139, 0.3330

Deuteranomaly

13.1547, 0.4680, 0.3616

Tritanomaly

13.9241, 0.5525, 0.3219

Monochromacy



Original Color

13.9885, 0.5400, 0.3106

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.6937, 0.3971, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9885, 0.5400, 0.3106 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(194, 48, 67)` looks like.

```
.text, #text, p{  
    color:rgb(194, 48, 67)  
}
```

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(194, 48, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 48, 67) }
```

Border

The CSS property to change the border of an element to Yxy 13.9885, 0.5400, 0.3106 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(194, 48, 67) }
```

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

```
.border{ border-color:rgb(194, 48, 67) }
```

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

Here you see how a box with a 4 pixel rgb(194, 48, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 48, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 48, 67);  
box-shadow:4px 4px 4px 4px rgb(194, 48,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9885, 0.5400, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 48, 67) }
```

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

```
.background{ background-color: rgb(194, 48,  
67) }
```

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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