

Converting Colors

$Y_{xy}(14.0985, 0.5386, 0.3143)$

Have a look what the booklet for
Yxy(14.0985, 0.5386, 0.3143)
contains.

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Color

Yxy(14.0985, 0.5386, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	C13342
RGB	193, 51, 66
RGB Percent	76%, 20%, 26%
CMY	0.2431, 0.8000, 0.7413
CMYK	0.00, 0.74, 0.66, 0.24
HSL	354°, 58%, 48%
HSV	354°, 74%, 76%
XYZ	24.1599, 14.0985, 6.5984
YIQ	95.1680, 79.8170, 34.7690

Conversions

Conversions Part 2

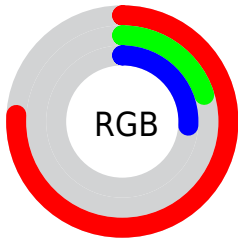
Format	Color
R_{YB}	193, 51, 66
Decimal	12661570
CIE _{Lab}	44.37, 56.50, 25.53
CIE _{LCh}	44, 62.000, 24.321
Yxy	14.0985, 0.5386, 0.3143
Android (android.graphics.Color)	4290851650 (0xFFC13342)
YUV	95.1680, -14.3798, 85.7987
Hunter-Lab	37.5480, 49.1452, 15.8643

Details

The Yxy color **14.0985, 0.5386, 0.3143** 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 **42.0616, 0.2387, 0.3526**, and the grayscale version is **11.5073, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2000, 0.4840, 0.3237**, and **4.9715, 0.6063, 0.3114** is the 20% darker color. If you saturate the color by 10%, you get **12.5746, 0.5805, 0.3167**, and if you desaturate by 10%, it is **16.3851, 0.4938, 0.3139**.

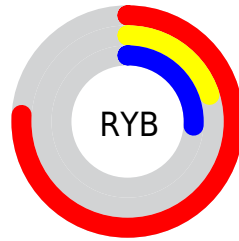
Distribution



Red (76%)

Green (20%)

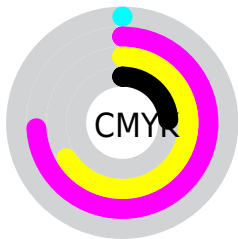
Blue (26%)



Red (76%)

Yellow (20%)

Blue (26%)

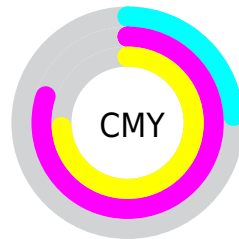


Cyan (0%)

Magenta (74%)

Yellow (66%)

Black (24%)



Cyan (24%)


Magenta (80%)

Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0985, 0.5386, 0.3143 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 14.0985, 0.5386, 0.3143 by changing the saturation by 10% instead.


 14.0985, 0.5386,
0.3143


 14.0985, 0.5386,
0.3143


217.8427, 0.4045,
0.3312

 8.1892, 0.5790,
0.3044


 33.2637, 0.4845,
0.3240


 4.2163, 0.6338,
0.2869

 47.2884, 0.4658,
0.3264

 1.7953, 0.7360,
0.2640

 64.7870, 0.4506,
0.3281

 0.4842, 0.8252,
0.1748

 86.1439, 0.4381,
0.3292

 0.0000, 1.0000,
0.0000

 111.7436, 0.4277,
0.3300

 0.0000, 0.0000,
0.0000

 141.9703, 0.4188,

0.3306

177.2086, 0.4112,
0.3309

■ 14.0985, 0.5386,
0.3143

■ 14.0985, 0.5386,
0.3143

■ 12.5746, 0.5805,
0.3167

■ 16.3851, 0.4938,
0.3139

■ 11.7122, 0.6132,
0.3209

■ 19.5143, 0.4511,
0.3151

■ 11.3898, 0.6281,
0.3234

■ 23.5583, 0.4135,
0.3172

■ 28.5812, 0.3818,
0.3199

■ 34.6411, 0.3558,
0.3227

■ 41.7917, 0.3348,
0.3255

■ 50.0829, 0.3179,
0.3281

■ 59.5617, 0.3043,
0.3305

■ 70.2722, 0.2933,
0.3328

Harmonies

Analogous

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



14.0985, 0.4397, 0.2444



14.0985, 0.5386, 0.3143



14.0985, 0.5498, 0.3915

Triad

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



14.0985, 0.5386, 0.3143



14.0985, 0.2768, 0.5552



14.0985, 0.1408, 0.1591

Complementary

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



14.0985, 0.5386, 0.3143



42.0616, 0.2387, 0.3526

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.



14.0985, 0.1175, 0.1937



14.0985, 0.5386, 0.3143



14.0985, 0.1812, 0.4293

Square

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



14.0985, 0.5386, 0.3143



14.0985, 0.3871, 0.5551



14.0985, 0.1282, 0.2810



14.0985, 0.2012, 0.1598

Rectangle

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



14.0985, 0.5386, 0.3143



14.0985, 0.5138, 0.4483



14.0985, 0.1282, 0.2810



14.0985, 0.1293, 0.1661

Sweetspot

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



14.0993, 0.5386, 0.3143



63.5046, 0.3530, 0.3230



15.4999, 0.2994, 0.1611



12.9334, 0.3594, 0.3223



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.



14.0993, 0.5386, 0.3143



21.4921, 0.6009, 0.3189



21.7699, 0.5004, 0.3934



10.0948, 0.3273, 0.3266



7.5810, 0.6261, 0.3223



0.3335, 0.5840, 0.2991

Inverse Universe

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



14.0993, 0.5386, 0.3143



21.4921, 0.6009, 0.3189



22.8959, 0.2081, 0.2364



10.0948, 0.3273, 0.3266



7.5810, 0.6261, 0.3223



0.3335, 0.5840, 0.2991

Previews

White Background



This preview shows how the Yxy color 14.0985, 0.5386, 0.3143 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 14.0985, 0.5386, 0.3143 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 14.0985, 0.5386, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 14.0985, 0.5386, 0.3143.



This preview shows how white text looks on a background with the Yxy color 14.0985, 0.5386, 0.3143.

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

14.0985, 0.5386, 0.3143

Protanopia

14.4574, 0.3455, 0.3673

Deuteranopia

14.2800, 0.4165, 0.4110



Tritanopia

14.1595, 0.5545, 0.3278

Trichromacy



Original Color

14.0985, 0.5386, 0.3143

Protanomaly

12.8975, 0.4158, 0.3402

Deuteranomaly

13.1988, 0.4670, 0.3651

Tritanomaly

14.1092, 0.5492, 0.3228

Monochromacy



Original Color

14.0985, 0.5386, 0.3143

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.0574, 0.3975, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0985, 0.5386, 0.3143 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(193, 51, 66)` looks like.

```
.text, #text, p{  
    color:rgb(193, 51, 66)  
}
```

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(193, 51, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 51, 66) }
```

Border

The CSS property to change the border of an element to Yxy 14.0985, 0.5386, 0.3143 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(193, 51, 66) }
```

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

```
.border{ border-color:rgb(193, 51, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 51, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 51, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 51, 66);  
box-shadow:4px 4px 4px 4px rgb(193, 51,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0985, 0.5386, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 51, 66) }
```

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

```
.background{ background-color: rgb(193, 51,  
66) }
```

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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