

Converting Colors

$Y_{xy}(14.8276, 0.5854, 0.3250)$

Have a look what the booklet for
Yxy(14.8276, 0.5854, 0.3250)
contains.

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Color

Yxy(14.8367, 0.5859, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	CE282E
RGB	206, 40, 46
RGB Percent	81%, 16%, 18%
CMY	0.1921, 0.8431, 0.8197
CMYK	0.00, 0.81, 0.78, 0.19
HSL	358°, 67%, 48%
HSV	358°, 81%, 81%
XYZ	26.7061, 14.8367, 4.0385
YIQ	90.3180, 97.0100, 37.0580

Conversions

Conversions Part 2

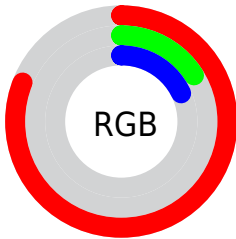
Format	Color
RYB	206, 40, 46
Decimal	13510702
CIELab	45.41, 62.79, 39.18
CIElCh	45, 74.011, 31.964
Yxy	14.8367, 0.5859, 0.3255
Android (android.graphics.Color)	4291700782 (0xFFCE282E)
YUV	90.3180, -21.8488, 101.4531
Hunter-Lab	38.5184, 56.3525, 20.7466

Details

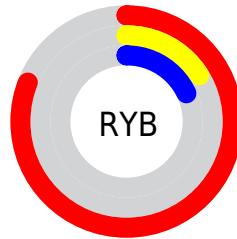
The Yxy color **14.8367, 0.5859, 0.3255** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **48.7675, 0.2310, 0.3376**, and the grayscale version is **10.3340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.5531, 0.5134, 0.3377**, and **5.8396, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **13.6771, 0.6189, 0.3271**, and if you desaturate by 10%, it is **16.8097, 0.5423, 0.3246**.

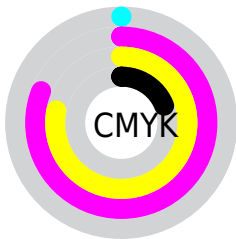
Distribution



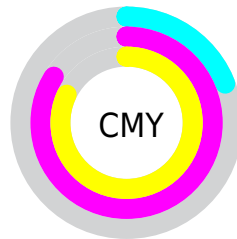
- Red (81%)
- Green (16%)
- Blue (18%)



- Red (81%)
- Yellow (16%)
- Blue (18%)



- Cyan (0%)
- Magenta (81%)
- Yellow (78%)
- Black (19%)




- Cyan (19%)
- Magenta (84%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8367, 0.5859, 0.3255 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 14.8367, 0.5859, 0.3255 by changing the saturation by 10% instead.


 14.8367, 0.5859,
0.3255


 14.8367, 0.5859,
0.3255


222.3757, 0.4287,
0.3424


 8.7049, 0.6282,
0.3127


 34.5664, 0.5252,
0.3372

 4.5492, 0.6867,
0.2925

 48.9331, 0.5033,
0.3398


 1.9853, 0.7488,
0.2512

 66.8136, 0.4852,
0.3413

 0.5989, 0.8256,
0.1744

 88.5922, 0.4701,
0.3421

 0.0000, 1.0000,
0.0000

 114.6533, 0.4573,
0.3425

 0.0000, 0.0000,
0.0000

 145.3813, 0.4464,

0.3426

181.1606, 0.4369,
0.3426

■ 14.8367, 0.5859,
0.3255

■ 14.8367, 0.5859,
0.3255

■ 13.6771, 0.6189,
0.3271

■ 16.8097, 0.5423,
0.3246


■ 13.1386, 0.6368,
0.3281

■ 19.7055, 0.4952,
0.3244


■ 23.6192, 0.4505,
0.3247


■ 28.6338, 0.4113,
0.3254

■ 34.8234, 0.3786,
0.3263

 42.2559, 0.3520,
0.3272

 50.9940, 0.3307,
0.3281

 61.0959, 0.3136,
0.3290

 72.6168, 0.2999,
0.3297

Harmonies

Analogous

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



14.8367, 0.4973, 0.2498



14.8367, 0.5859, 0.3255



14.8367, 0.5647, 0.4102

Triad

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



14.8367, 0.5859, 0.3255



14.8367, 0.2340, 0.5761



14.8367, 0.1337, 0.1367

Complementary

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



14.8367, 0.5859, 0.3255



48.7675, 0.2310, 0.3376

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.



14.8367, 0.1000, 0.1606



14.8367, 0.5859, 0.3255



14.8367, 0.1409, 0.3961

Square

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



14.8367, 0.5859, 0.3255



14.8367, 0.3538, 0.6020



14.8367, 0.0999, 0.2369



14.8367, 0.2102, 0.1462

Rectangle

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



14.8367, 0.5859, 0.3255



14.8367, 0.5102, 0.4785



14.8367, 0.0999, 0.2369



14.8367, 0.1185, 0.1405

Sweetspot

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



14.8376, 0.5859, 0.3255



63.7401, 0.3613, 0.3269



17.9402, 0.3106, 0.1587



12.7219, 0.3710, 0.3265



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.



14.8376, 0.5859, 0.3255



21.4651, 0.6338, 0.3284



25.4703, 0.5098, 0.4066



11.2201, 0.3285, 0.3282



8.0931, 0.6358, 0.3276



0.4199, 0.6213, 0.3196

Inverse Universe

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



14.8376, 0.5859, 0.3255



21.4651, 0.6338, 0.3284



21.2227, 0.1962, 0.2064



11.2201, 0.3285, 0.3282



8.0931, 0.6358, 0.3276



0.4199, 0.6213, 0.3196

Previews

White Background



This preview shows how the Yxy color 14.8367, 0.5859, 0.3255 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 14.8367, 0.5859, 0.3255 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 14.8367, 0.5859, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 14.8367, 0.5859, 0.3255.



This preview shows how white text looks on a background with the Yxy color 14.8367, 0.5859, 0.3255.

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

14.8367, 0.5859, 0.3255

Protanopia

14.9700, 0.3827, 0.4147

Deuteranopia

15.0502, 0.4504, 0.4432



Tritanopia

14.8678, 0.5911, 0.3298

Trichromacy



Original Color

14.8367, 0.5859, 0.3255

Protanomaly

12.9863, 0.4673, 0.3687

Deuteranomaly

13.4543, 0.5140, 0.3860

Tritanomaly

14.8821, 0.5888, 0.3284

Monochromacy



Original Color

14.8367, 0.5859, 0.3255

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.0347, 0.4239, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8367, 0.5859, 0.3255 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(206, 40, 46)` looks like.

```
.text, #text, p{  
    color:rgb(206, 40, 46)  
}
```

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(206, 40, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 40, 46) }
```

Border

The CSS property to change the border of an element to Yxy 14.8367, 0.5859, 0.3255 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(206, 40, 46) }
```

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

```
.border{ border-color:rgb(206, 40, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 40, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 40, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 40, 46);  
box-shadow:4px 4px 4px 4px rgb(206, 40,  
46) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8367, 0.5859, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 40, 46) }
```

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

```
.background{ background-color: rgb(206, 40,  
46) }
```

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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