

Converting Colors

$Yxy(15.1583, 0.5783, 0.3253)$

Have a look what the booklet for
Yxy(15.1583, 0.5783, 0.3253)
contains.

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Color

Yxy(15.1535, 0.5778, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	CE2C32
RGB	206, 44, 50
RGB Percent	81%, 17%, 20%
CMY	0.1921, 0.8275, 0.8038
CMYK	0.00, 0.79, 0.76, 0.19
HSL	358°, 65%, 49%
HSV	358°, 79%, 81%
XYZ	26.9323, 15.1535, 4.5260
YIQ	93.1220, 94.6260, 36.2100

Conversions

Conversions Part 2

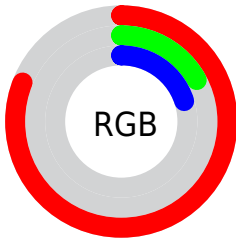
Format	Color
RYB	206, 44, 50
Decimal	13511730
CIELab	45.84, 61.84, 37.35
CIElCh	46, 72.243, 31.128
Yxy	15.1535, 0.5778, 0.3251
Android (android.graphics.Color)	4291701810 (0xFFCE2C32)
YUV	93.1220, -21.2591, 98.9940
Hunter-Lab	38.9275, 55.3736, 20.3557

Details

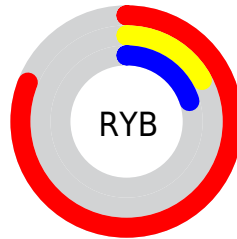
The Yxy color **15.1535, 0.5778, 0.3251** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **48.8509, 0.2318, 0.3377**, and the grayscale version is **11.0106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.2262, 0.5065, 0.3369**, and **5.8528, 0.6341, 0.3267** is the 20% darker color. If you saturate the color by 10%, you get **13.8462, 0.6134, 0.3266**, and if you desaturate by 10%, it is **17.2977, 0.5329, 0.3243**.

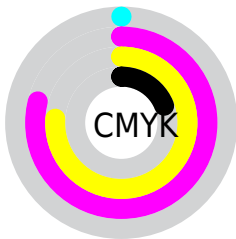
Distribution



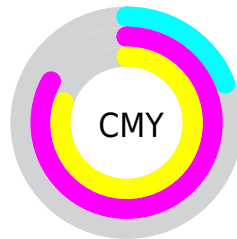
- Red (81%)
- Green (17%)
- Blue (20%)



- Red (81%)
- Yellow (17%)
- Blue (20%)



- Cyan (0%)
- Magenta (79%)
- Yellow (76%)
- Black (19%)





- Cyan (19%)
- Magenta (83%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.1535, 0.5778, 0.3251 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 15.1535, 0.5778, 0.3251 by changing the saturation by 10% instead.


 15.1535, 0.5778,
0.3251


 15.1535, 0.5778,
0.3251


224.2934, 0.4250,
0.3410


 8.9272, 0.6195,
0.3132


 35.1222, 0.5185,
0.3360


 4.6937, 0.6752,
0.2933

 49.6335, 0.4972,
0.3384

 2.0687, 0.7437,
0.2563

 67.6751, 0.4796,
0.3398

 0.6469, 0.8169,
0.1831

 89.6315, 0.4650,
0.3406

 0.0000, 1.0000,
0.0000

 115.8872, 0.4526,
0.3410

 0.0000, 0.0000,
0.0000

 146.8265, 0.4420,

0.3411

182.8338, 0.4329,
0.3411

■ 15.1535, 0.5778,
0.3251

■ 15.1535, 0.5778,
0.3251

■ 13.8462, 0.6134,
0.3266

■ 17.2977, 0.5329,
0.3243

■ 13.2063, 0.6346,
0.3281


■ 20.3838, 0.4860,
0.3242

■ 13.1398, 0.6366,
0.3281


■ 24.5047, 0.4423,
0.3247


■ 29.7411, 0.4044,
0.3255

■ 36.1660, 0.3730,
0.3264

 43.8460, 0.3475,
0.3273

 52.8430, 0.3271,
0.3282

 63.2145, 0.3107,
0.3291

 75.0149, 0.2976,
0.3299

Harmonies

Analogous

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



15.1535, 0.4882, 0.2502



15.1535, 0.5778, 0.3251



15.1535, 0.5616, 0.4085

Triad

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



15.1535, 0.5778, 0.3251



15.1535, 0.2405, 0.5703



15.1535, 0.1359, 0.1408

Complementary

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



15.1535, 0.5778, 0.3251



48.8509, 0.2318, 0.3377

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.



15.1535, 0.1035, 0.1659



15.1535, 0.5778, 0.3251



15.1535, 0.1472, 0.3998

Square

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



15.1535, 0.5778, 0.3251



15.1535, 0.3587, 0.5935



15.1535, 0.1047, 0.2433



15.1535, 0.2101, 0.1492

Rectangle

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



15.1535, 0.5778, 0.3251



15.1535, 0.5093, 0.4739



15.1535, 0.1047, 0.2433



15.1535, 0.1212, 0.1449

Sweetspot

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



15.1544, 0.5778, 0.3251



63.7437, 0.3612, 0.3268



18.2507, 0.3107, 0.1606



12.7227, 0.3709, 0.3264



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.



15.1544, 0.5778, 0.3251



21.6771, 0.6288, 0.3278



26.0042, 0.5043, 0.4065



11.2203, 0.3284, 0.3282



8.0935, 0.6356, 0.3275



0.4200, 0.6207, 0.3193

Inverse Universe

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



15.1544, 0.5778, 0.3251



21.6771, 0.6288, 0.3278



21.7949, 0.1981, 0.2098



11.2203, 0.3284, 0.3282



8.0935, 0.6356, 0.3275



0.4200, 0.6207, 0.3193

Previews

White Background



This preview shows how the Yxy color 15.1535, 0.5778, 0.3251 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 15.1535, 0.5778, 0.3251 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 15.1535, 0.5778, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 15.1535, 0.5778, 0.3251.



This preview shows how white text looks on a background with the Yxy color 15.1535, 0.5778, 0.3251.

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

15.1535, 0.5778, 0.3251

Protanopia

15.3014, 0.3783, 0.4082

Deuteranopia

15.3655, 0.4459, 0.4383



Tritanopia

15.1880, 0.5834, 0.3298

Trichromacy



Original Color

15.1535, 0.5778, 0.3251

Protanomaly

13.4352, 0.4601, 0.3656

Deuteranomaly

13.8904, 0.5064, 0.3833

Tritanomaly

15.2038, 0.5809, 0.3283

Monochromacy



Original Color

15.1535, 0.5778, 0.3251

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.6363, 0.4189, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1535, 0.5778, 0.3251 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, 44, 50)` looks like.

```
.text, #text, p{  
    color:rgb(206, 44, 50)  
}
```

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, 44, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 44, 50) }
```

Border

The CSS property to change the border of an element to Yxy 15.1535, 0.5778, 0.3251 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, 44, 50) }
```

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

```
.border{ border-color:rgb(206, 44, 50) }
```

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

Here you see how a box with a 4 pixel rgb(206, 44, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 44, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 44, 50);  
box-shadow:4px 4px 4px 4px rgb(206, 44,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1535, 0.5778, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 44, 50) }
```

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

```
.background{ background-color: rgb(206, 44,  
50) }
```

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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