

Converting Colors

$Y_{xy}(13.8917, 0.6163, 0.3294)$

Have a look what the booklet for
Yxy(13.8917, 0.6163, 0.3294)
contains.

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Color

Yxy(13.8917, 0.6163, 0.3294)

Conversions

Conversions Part 1

Format	Color
Hex	CE191A
RGB	206, 25, 26
RGB Percent	81%, 10%, 10%
CMY	0.1921, 0.9021, 0.8980
CMYK	0.00, 0.88, 0.87, 0.19
HSL	360°, 78%, 45%
HSV	360°, 88%, 81%
XYZ	25.9911, 13.8917, 2.2900
YIQ	79.2330, 107.5550, 38.6830

Conversions

Conversions Part 2

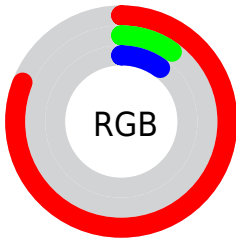
Format	Color
RYB	206, 25, 26
Decimal	13506842
CIELab	44.08, 65.58, 48.38
CIELCh	44, 81.495, 36.413
Yxy	13.8917, 0.6163, 0.3294
Android (android.graphics.Color)	4291696922 (0xFFCE191A)
YUV	79.2330, -26.2439, 111.1747
Hunter-Lab	37.2716, 59.2504, 22.4473

Details

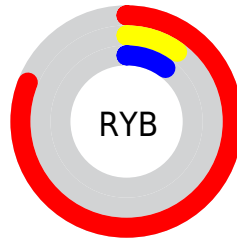
The Yxy color **13.8917, 0.6163, 0.3294** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **48.7620, 0.2268, 0.3303**, and the grayscale version is **7.8995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.5697, 0.5422, 0.3459**, and **5.7508, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **13.2309, 0.6363, 0.3297**, and if you desaturate by 10%, it is **15.2459, 0.5811, 0.3291**.

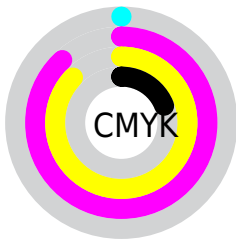
Distribution



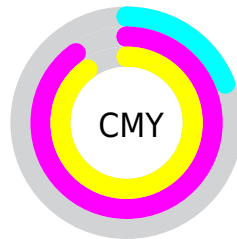
- Red (81%)
- Green (10%)
- Blue (10%)



- Red (81%)
- Yellow (10%)
- Blue (10%)



- Cyan (0%)
- Magenta (88%)
- Yellow (87%)
- Black (19%)




- Cyan (19%)
- Magenta (90%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.8917, 0.6163, 0.3294 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 13.8917, 0.6163, 0.3294 by changing the saturation by 10% instead.


 13.8917, 0.6163,
0.3294


 13.8917, 0.6163,
0.3294


216.5560, 0.4448,
0.3503


 8.0454, 0.6590,
0.3128


 32.8967, 0.5523,
0.3448


 4.1240, 0.7140,
0.2860

 46.8243, 0.5283,
0.3480


 1.7432, 0.7645,
0.2355

 64.2143, 0.5083,
0.3498

 0.4514, 0.8557,
0.1443

 85.4512, 0.4914,
0.3506

 0.0000, 1.0000,
0.0000


 110.9195, 0.4771,
0.3509

 0.0000, 0.0000,
0.0000


 141.0034, 0.4648,


0.3509


 176.0875, 0.4541,
0.3506

 13.8917, 0.6163,
0.3294


 13.8917, 0.6163,
0.3294


 13.2309, 0.6363,
0.3297


 15.2459, 0.5811,
0.3291

 13.1265, 0.6395,
0.3297

 17.4457, 0.5359,
0.3288

 20.5997, 0.4881,
0.3287

 24.7995, 0.4434,
0.3287

 30.1263, 0.4048,
0.3287

■ 36.6530, 0.3727,
0.3288

■ 44.4465, 0.3468,
0.3288

■ 53.5688, 0.3261,
0.3289

■ 64.0777, 0.3095,
0.3290

Harmonies

Analogous

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



13.8917, 0.5407, 0.2515



13.8917, 0.6163, 0.3294



13.8917, 0.5741, 0.4231

Triad

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



13.8917, 0.6163, 0.3294



13.8917, 0.2023, 0.5908



13.8917, 0.1283, 0.1217

Complementary

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



13.8917, 0.6163, 0.3294



48.7620, 0.2268, 0.3303

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.



13.8917, 0.0883, 0.1392



13.8917, 0.6163, 0.3294



13.8917, 0.1138, 0.3690

Square

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



13.8917, 0.6163, 0.3294



13.8917, 0.3269, 0.6396



13.8917, 0.0819, 0.2069



13.8917, 0.2167, 0.1364

Rectangle

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



13.8917, 0.6163, 0.3294



13.8917, 0.5019, 0.4981



13.8917, 0.0819, 0.2069



13.8917, 0.1107, 0.1236

Sweetspot

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



13.8926, 0.6163, 0.3294



61.2041, 0.3683, 0.3288



17.8471, 0.3171, 0.1567



12.2338, 0.3785, 0.3287



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.



13.8926, 0.6163, 0.3294



21.2632, 0.6397, 0.3297



24.8874, 0.5209, 0.4118



11.2147, 0.3289, 0.3289



8.0821, 0.6394, 0.3296



0.4173, 0.6369, 0.3282

Inverse Universe

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



13.8926, 0.6163, 0.3294



21.2632, 0.6397, 0.3297



17.7405, 0.1870, 0.1835



11.2147, 0.3289, 0.3289



8.0821, 0.6394, 0.3296



0.4173, 0.6369, 0.3282

Previews

White Background



This preview shows how the Yxy color 13.8917, 0.6163, 0.3294 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 13.8917, 0.6163, 0.3294 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 13.8917, 0.6163, 0.3294

Background



This preview shows how black text looks on a background with the Yxy color 13.8917, 0.6163, 0.3294.



This preview shows how white text looks on a background with the Yxy color 13.8917, 0.6163, 0.3294.

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

13.8917, 0.6163, 0.3294

Protanopia

14.2718, 0.4087, 0.4506

Deuteranopia

14.1009, 0.4696, 0.4653



Tritanopia

13.9147, 0.6195, 0.3321

Trichromacy



Original Color

13.8917, 0.6163, 0.3294

Protanomaly

11.8309, 0.5054, 0.3887

Deuteranomaly

12.2584, 0.5475, 0.3965

Tritanomaly

13.9225, 0.6181, 0.3313

Monochromacy



Original Color

13.8917, 0.6163, 0.3294

Achromatopsia

7.8187, 0.3127, 0.3290

Achromatomaly

7.8141, 0.4541, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.8917, 0.6163, 0.3294 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, 25, 26)` looks like.

```
.text, #text, p{  
    color:rgb(206, 25, 26)  
}
```

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, 25, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 25, 26) }
```

Border

The CSS property to change the border of an element to Yxy 13.8917, 0.6163, 0.3294 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, 25, 26) }
```

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

```
.border{ border-color:rgb(206, 25, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 25, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 25, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 25, 26);  
box-shadow:4px 4px 4px 4px rgb(206, 25,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 13.8917, 0.6163, 0.3294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 25, 26) }
```

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

```
.background{ background-color: rgb(206, 25,  
26) }
```

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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