

Converting Colors

$Yxy(12.6093, 0.6482, 0.3115)$

Have a look what the booklet for
Yxy(12.6093, 0.6482, 0.3115)
contains.

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Color

Yxy(13.8926, 0.6317, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	D30012
RGB	211, 0, 18
RGB Percent	83%, 0%, 7%
CMY	0.1726, 0.9994, 0.9295
CMYK	0.00, 1.00, 0.91, 0.17
HSL	355°, 100%, 41%
HSV	355°, 100%, 83%
XYZ	26.9697, 13.8926, 1.8316
YIQ	65.1410, 119.9780, 50.3300

Conversions

Conversions Part 2

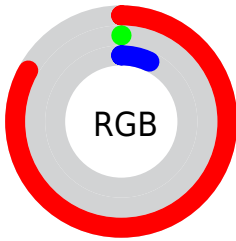
Format	Color
RYB	211, 0, 18
Decimal	13828114
CIELab	44.08, 69.60, 52.34
CIElCh	44, 87.085, 36.942
Yxy	13.8926, 0.6317, 0.3254
Android (android.graphics.Color)	4292018194 (0xFFD30012)
YUV	65.1410, -23.2405, 127.9183
Hunter-Lab	37.2728, 63.9312, 23.1775

Details

The Yxy color **13.8926, 0.6317, 0.3254** 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 **50.4388, 0.2321, 0.3554**, and the grayscale version is **5.3450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4697, 0.5541, 0.3457**, and **6.1110, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **13.8896, 0.6318, 0.3254**, and if you desaturate by 10%, it is **14.5277, 0.6087, 0.3219**.

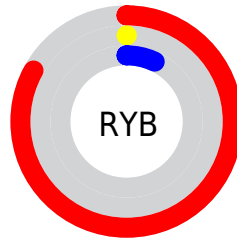
Distribution



Red (83%)

Green (0%)

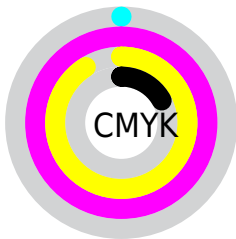
Blue (7%)



Red (83%)

Yellow (0%)

Blue (7%)

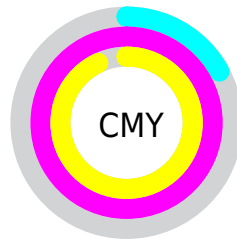


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (17%)



Cyan (17%)


Magenta (100%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.8926, 0.6317, 0.3254 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 13.8926, 0.6317, 0.3254 by changing the saturation by 10% instead.


 13.8926, 0.6317,
0.3254


 13.8926, 0.6317,
0.3254


216.5617, 0.4541,
0.3516


 8.0460, 0.6755,
0.3073


 32.8983, 0.5668,
0.3437


 4.1244, 0.7241,
0.2759

 46.8263, 0.5420,
0.3477


 1.7434, 0.7753,
0.2247

 64.2168, 0.5211,
0.3500

 0.4515, 0.8651,
0.1349

 85.4543, 0.5034,
0.3513


 0.0000, 1.0000,
0.0000


 110.9231, 0.4883,
0.3519


 0.0000, 0.0000,
0.0000


 141.0077, 0.4753,

0.3520


 176.0924, 0.4640,
0.3519

 13.8926, 0.6317,
0.3254


 13.8926, 0.6317,
0.3254


 13.8896, 0.6318,
0.3254

 14.5277, 0.6087,
0.3219

 15.8191, 0.5729,
0.3188

 17.9725, 0.5289,
0.3173

 21.1035, 0.4833,
0.3173

 25.3099, 0.4409,
0.3184

■ 30.6776, 0.4042,
0.3203

■ 37.2838, 0.3736,
0.3225

■ 45.1993, 0.3487,
0.3248

■ 54.4892, 0.3287,
0.3270

Harmonies

Analogous

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



13.8926, 0.5576, 0.2472



13.8926, 0.6317, 0.3254



13.8926, 0.5794, 0.4206

Triad

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



13.8926, 0.6317, 0.3254



13.8926, 0.1907, 0.6092



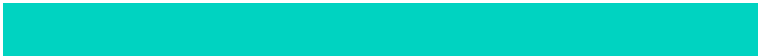
13.8926, 0.1218, 0.1137

Complementary

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



13.8926, 0.6317, 0.3254



50.4388, 0.2321, 0.3554

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.



13.8926, 0.0808, 0.1299



13.8926, 0.6317, 0.3254



13.8926, 0.1027, 0.3654

Square

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



13.8926, 0.6317, 0.3254



13.8926, 0.3187, 0.6601



13.8926, 0.0731, 0.1966



13.8926, 0.2133, 0.1292

Rectangle

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



13.8926, 0.6317, 0.3254



13.8926, 0.5006, 0.4994



13.8926, 0.0731, 0.1966



13.8926, 0.1037, 0.1152

Sweetspot

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



13.8935, 0.6317, 0.3254



56.8016, 0.3747, 0.3224



15.6401, 0.2957, 0.1403



11.1885, 0.3871, 0.3215



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.



13.8935, 0.6317, 0.3254



21.3162, 0.6330, 0.3261



20.2634, 0.5710, 0.3848



11.8242, 0.3277, 0.3271



8.3901, 0.6299, 0.3243



0.4749, 0.6000, 0.3079

Inverse Universe

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



13.8935, 0.6317, 0.3254



21.3162, 0.6330, 0.3261



19.7926, 0.1865, 0.1912



11.8242, 0.3277, 0.3271



8.3901, 0.6299, 0.3243



0.4749, 0.6000, 0.3079

Previews

White Background



This preview shows how the Yxy color 13.8926, 0.6317, 0.3254 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 13.8926, 0.6317, 0.3254 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 13.8926, 0.6317, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 13.8926, 0.6317, 0.3254.



This preview shows how white text looks on a background with the Yxy color 13.8926, 0.6317, 0.3254.

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

13.8926, 0.6317, 0.3254

Protanopia

14.5709, 0.4172, 0.4606

Tritanopia

14.1674, 0.6338, 0.3349

Trichromacy



Original Color

13.8926, 0.6317, 0.3254

Protanomaly

10.9034, 0.5317, 0.3801

Tritanomaly

13.9799, 0.6336, 0.3311

Monochromacy



Original Color

13.8926, 0.6317, 0.3254

Achromatopsia

5.2861, 0.3127, 0.3290

Achromatomaly

5.6508, 0.4923, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.8926, 0.6317, 0.3254 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(211, 0, 18)` looks like.

```
.text, #text, p{  
    color:rgb(211, 0, 18)  
}
```

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(211, 0, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 0, 18) }
```

Border

The CSS property to change the border of an element to Yxy 13.8926, 0.6317, 0.3254 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(211, 0, 18) }
```

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

```
.border{ border-color:rgb(211, 0, 18) }
```

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

Here you see how a box with a 4 pixel rgb(211, 0, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 0, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 0, 18);  
box-shadow:4px 4px 4px 4px rgb(211, 0, 18)  
}
```

Background

The CSS property to change the background color of an element to Yxy 13.8926, 0.6317, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 0, 18) }
```

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

```
.background{ background-color: rgb(211, 0,  
18) }
```

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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