

Converting Colors

$Y_{xy}(14.3233, 0.5257, 0.2670)$

Have a look what the booklet for
Yxy(14.3233, 0.5257, 0.2670)
contains.

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Color

Yxy(14.3106, 0.5251, 0.2667)

Conversions

Conversions Part 1

Format	Color
Hex	D1005B
RGB	209, 0, 91
RGB Percent	82%, 0%, 36%
CMY	0.1805, 0.9990, 0.6432
CMYK	0.00, 1.00, 0.56, 0.18
HSL	334°, 100%, 41%
HSV	334°, 100%, 82%
XYZ	28.1758, 14.3106, 11.1716
YIQ	72.8650, 95.3530, 72.6090

Conversions

Conversions Part 2

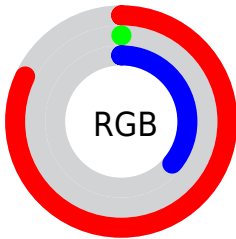
Format	Color
R_{YB}	209, 0, 91
Decimal	13697115
CIE Lab	44.68, 71.86, 10.98
CIE LCh	45, 72.691, 8.690
Yxy	14.3106, 0.5251, 0.2667
Android (android.graphics.Color)	4291887195 (0xFFD1005B)
YUV	72.8650, 8.9406, 119.3904
Hunter-Lab	37.8294, 66.7480, 8.9713

Details

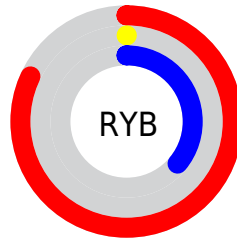
The Yxy color **14.3106, 0.5251, 0.2667** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **46.9010, 0.2665, 0.4792**, and the grayscale version is **6.6355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.1625, 0.4582, 0.2790**, and **6.4003, 0.5671, 0.2898** is the 20% darker color. If you saturate the color by 10%, you get **14.3033, 0.5254, 0.2668**, and if you desaturate by 10%, it is **15.0681, 0.4980, 0.2588**.

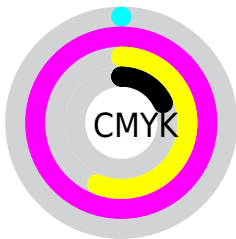
Distribution



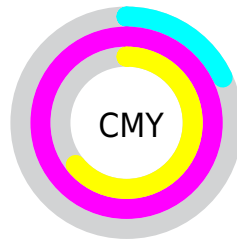
- Red (82%)
- Green (0%)
- Blue (36%)



- Red (82%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3106, 0.5251, 0.2667 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 14.3106, 0.5251, 0.2667 by changing the saturation by 10% instead.


 14.3106, 0.5251,
0.2667


 14.3106, 0.5251,
0.2667


219.1546, 0.3996,
0.3069


 8.3370, 0.5636,
0.2526


 33.6391, 0.4743,
0.2840


 4.3113, 0.6170,
0.2317

 47.7629, 0.4568,
0.2897

 1.8492, 0.6939,
0.1986

 65.3721, 0.4427,
0.2941

 0.5176, 0.8597,
0.1403

 86.8512, 0.4310,
0.2977

 0.0000, 1.0000,
0.0000

 112.5847, 0.4212,
0.3006

 0.0000, 0.0000,
0.0000

 142.9568, 0.4129,

0.3030

178.3520, 0.4058,
0.3051

■ 14.3106, 0.5251,
0.2667

■ 14.3106, 0.5251,
0.2667

■ 14.3033, 0.5254,
0.2668

■ 15.0681, 0.4980,
0.2588

■ 16.4393, 0.4694,
0.2556

■ 18.6176, 0.4408,
0.2576

■ 21.7095, 0.4138,
0.2638

■ 25.8054, 0.3895,
0.2730

■ 30.9845, 0.3683,
0.2838

■ 37.3180, 0.3503,
0.2954

■ 44.8711, 0.3353,
0.3071

■ 53.7040, 0.3229,
0.3184

Harmonies

Analogous

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



14.3106, 0.3766, 0.1986



14.3106, 0.5251, 0.2667



14.3106, 0.5886, 0.3436

Triad

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



14.3106, 0.5251, 0.2667



14.3106, 0.3268, 0.6096



14.3106, 0.1053, 0.1525

Complementary

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



14.3106, 0.5251, 0.2667



46.9010, 0.2665, 0.4792

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.



14.3106, 0.0977, 0.2142



14.3106, 0.5251, 0.2667



14.3106, 0.2100, 0.5430

Square

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



14.3106, 0.5251, 0.2667



14.3106, 0.4491, 0.5374



14.3106, 0.1280, 0.3532



14.3106, 0.1473, 0.1370

Rectangle

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



14.3106, 0.5251, 0.2667



14.3106, 0.5704, 0.4004



14.3106, 0.1280, 0.3532



14.3106, 0.0992, 0.1666

Sweetspot

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



14.3115, 0.5251, 0.2667



58.0412, 0.3511, 0.2949



8.2557, 0.2118, 0.0941



11.4754, 0.3585, 0.2899



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.



14.3115, 0.5251, 0.2667



22.4044, 0.5281, 0.2683



13.7837, 0.6368, 0.3324



11.8924, 0.3223, 0.3189



8.8410, 0.5219, 0.2649



0.5101, 0.4759, 0.2395

Inverse Universe

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



14.3115, 0.5251, 0.2667



22.4044, 0.5281, 0.2683



45.2359, 0.2204, 0.3132



11.8924, 0.3223, 0.3189



8.8410, 0.5219, 0.2649



0.5101, 0.4759, 0.2395

Previews

White Background



This preview shows how the Yxy color 14.3106, 0.5251, 0.2667 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 14.3106, 0.5251, 0.2667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

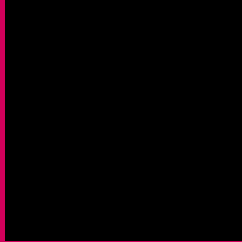
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.3106, 0.5251, 0.2667

Background



This preview shows how black text looks on a background with the Yxy color 14.3106, 0.5251, 0.2667.

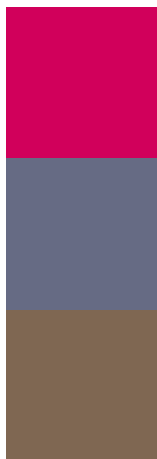


This preview shows how white text looks on a background with the Yxy color 14.3106, 0.5251, 0.2667.

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

14.3106, 0.5251, 0.2667

Protanopia

15.0061, 0.2767, 0.2787

Deuteranopia

14.8217, 0.3782, 0.3706



Tritanopia

14.6485, 0.6016, 0.3305

Trichromacy



Original Color

14.3106, 0.5251, 0.2667



Protanomaly

11.0813, 0.3578, 0.2438



Deuteranomaly

11.7204, 0.4468, 0.2994



Tritanomaly

14.2985, 0.5839, 0.3091

Monochromacy



Original Color

14.3106, 0.5251, 0.2667



Achromatopsia

6.6626, 0.3127, 0.3290



Achromatomaly

6.7498, 0.4101, 0.2639

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3106, 0.5251, 0.2667 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(209, 0, 91)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 91)  
}
```

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(209, 0, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 91) }
```

Border

The CSS property to change the border of an element to Yxy 14.3106, 0.5251, 0.2667 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(209, 0, 91) }
```

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

```
.border{ border-color:rgb(209, 0, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 0, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 91);  
box-shadow:4px 4px 4px 4px rgb(209, 0, 91)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.3106, 0.5251, 0.2667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 91) }
```

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

```
.background{ background-color: rgb(209, 0,  
91) }
```

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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