

Converting Colors

$Y_{xy}(14.2141, 0.5257, 0.2679)$

Have a look what the booklet for
Yxy(14.2141, 0.5257, 0.2679)
contains.

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Color

Yxy(14.2132, 0.5257, 0.2679)

Conversions

Conversions Part 1

Format	Color
Hex	D0035A
RGB	208, 3, 90
RGB Percent	82%, 1%, 35%
CMY	0.1843, 0.9881, 0.6470
CMYK	0.00, 0.99, 0.57, 0.18
HSL	335°, 97%, 41%
HSV	335°, 99%, 82%
XYZ	27.8906, 14.2132, 10.9504
YIQ	74.2130, 94.2530, 70.5170

Conversions

Conversions Part 2

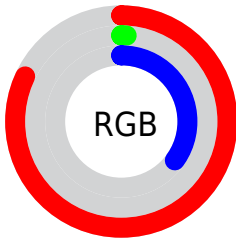
Format	Color
R_YB	208, 3, 90
Decimal	13632346
CIE Lab	44.54, 71.32, 11.37
CIE LCh	45, 72.223, 9.055
Yxy	14.2132, 0.5257, 0.2679
Android (android.graphics.Color)	4291822426 (0xFFD0035A)
YUV	74.2130, 7.7830, 117.3312
Hunter-Lab	37.7004, 66.0777, 9.1690

Details

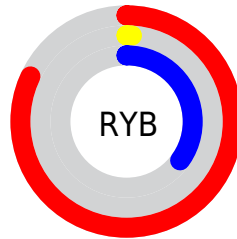
The Yxy color **14.2132, 0.5257, 0.2679** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **46.5110, 0.2651, 0.4734**, and the grayscale version is **6.8660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.2982, 0.4592, 0.2808**, and **6.3005, 0.5687, 0.2906** is the 20% darker color. If you saturate the color by 10%, you get **14.1185, 0.5297, 0.2692**, and if you desaturate by 10%, it is **15.0155, 0.4980, 0.2602**.

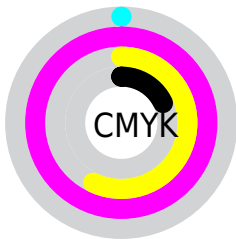
Distribution



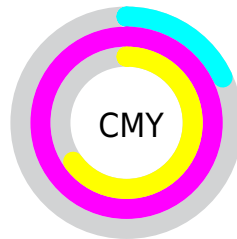
- Red (82%)
- Green (1%)
- Blue (35%)



- Red (82%)
- Yellow (1%)
- Blue (35%)



- Cyan (0%)
- Magenta (99%)
- Yellow (57%)
- Black (18%)





- Cyan (18%)
- Magenta (99%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2132, 0.5257, 0.2679 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 14.2132, 0.5257, 0.2679 by changing the saturation by 10% instead.


 14.2132, 0.5257,
0.2679


 14.2132, 0.5257,
0.2679


218.5531, 0.3997,
0.3075


 8.2691, 0.5644,
0.2539


 33.4668, 0.4747,
0.2851


 4.2676, 0.6182,
0.2329

 47.5452, 0.4571,
0.2907


 1.8244, 0.6956,
0.1996

 65.1037, 0.4429,
0.2950

 0.5023, 0.8608,
0.1392

 86.5268, 0.4312,
0.2985

 0.0000, 1.0000,
0.0000

 112.1989, 0.4214,
0.3014

 0.0000, 0.0000,
0.0000

 142.5044, 0.4131,

0.3038

177.8277, 0.4059,
0.3058

■ 14.2132, 0.5257,
0.2679

■ 14.2132, 0.5257,
0.2679

■ 14.1185, 0.5297,
0.2692

■ 15.0155, 0.4980,
0.2602

■ 16.4733, 0.4686,
0.2576

■ 18.7459, 0.4395,
0.2600

■ 21.9364, 0.4122,
0.2664

■ 26.1321, 0.3878,
0.2756

■ 31.4103, 0.3667,
0.2864

■ 37.8407, 0.3488,
0.2977

■ 45.4870, 0.3338,
0.3091

■ 54.4081, 0.3215,
0.3201

Harmonies

Analogous

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



14.2132, 0.3783, 0.1997



14.2132, 0.5257, 0.2679



14.2132, 0.5878, 0.3448

Triad

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



14.2132, 0.5257, 0.2679



14.2132, 0.3256, 0.6087



14.2132, 0.1061, 0.1526

Complementary

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



14.2132, 0.5257, 0.2679



46.5110, 0.2651, 0.4734

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.



14.2132, 0.0982, 0.2135



14.2132, 0.5257, 0.2679



14.2132, 0.2093, 0.5400

Square

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



14.2132, 0.5257, 0.2679



14.2132, 0.4475, 0.5381



14.2132, 0.1280, 0.3510



14.2132, 0.1485, 0.1375

Rectangle

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



14.2132, 0.5257, 0.2679



14.2132, 0.5690, 0.4016



14.2132, 0.1280, 0.3510



14.2132, 0.0999, 0.1665

Sweetspot

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



14.2141, 0.5257, 0.2679



58.0015, 0.3518, 0.2957



8.5550, 0.2167, 0.0973



11.4661, 0.3593, 0.2908



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.



14.2141, 0.5257, 0.2679



22.3472, 0.5325, 0.2707



13.8080, 0.6334, 0.3335



11.8903, 0.3225, 0.3192



8.8181, 0.5262, 0.2672



0.5088, 0.4794, 0.2414

Inverse Universe

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



14.2141, 0.5257, 0.2679



22.3472, 0.5325, 0.2707



43.3058, 0.2191, 0.3082



11.8903, 0.3225, 0.3192



8.8181, 0.5262, 0.2672



0.5088, 0.4794, 0.2414

Previews

White Background



This preview shows how the Yxy color 14.2132, 0.5257, 0.2679 looks on a white background.

Color Contrast Check

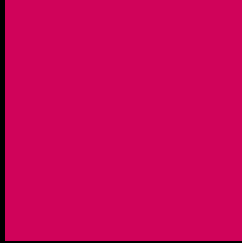
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2132, 0.5257, 0.2679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

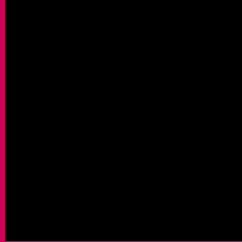
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2132, 0.5257, 0.2679

Background



This preview shows how black text looks on a background with the Yxy color 14.2132, 0.5257, 0.2679.



This preview shows how white text looks on a background with the Yxy color 14.2132, 0.5257, 0.2679.

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

14.2132, 0.5257, 0.2679

Protanopia

14.7715, 0.2777, 0.2784

Deuteranopia

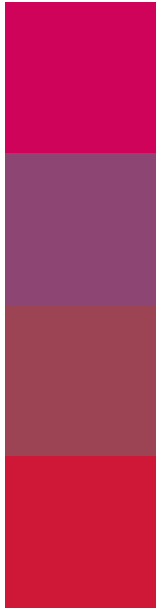
14.7302, 0.3781, 0.3728



Tritanopia

14.5049, 0.6012, 0.3305

Trichromacy



Original Color

14.2132, 0.5257, 0.2679

Protanomaly

11.1799, 0.3593, 0.2470

Deuteranomaly

11.7223, 0.4466, 0.3023

Tritanomaly

14.1945, 0.5829, 0.3093

Monochromacy



Original Color

14.2132, 0.5257, 0.2679

Achromatopsia

6.8478, 0.3127, 0.3290

Achromatomaly

6.9040, 0.4115, 0.2662

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2132, 0.5257, 0.2679 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(208, 3, 90)` looks like.

```
.text, #text, p{  
  color:rgb(208, 3, 90)  
}
```

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(208, 3, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 3, 90) }
```

Border

The CSS property to change the border of an element to Yxy 14.2132, 0.5257, 0.2679 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(208, 3, 90) }
```

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

```
.border{ border-color:rgb(208, 3, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 3, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 3, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 3, 90);  
box-shadow:4px 4px 4px 4px rgb(208, 3, 90)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.2132, 0.5257, 0.2679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 3, 90) }
```

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

```
.background{ background-color: rgb(208, 3,  
90) }
```

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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