

Converting Colors

$Yxy(14.6322, 0.4570, 0.2291)$

Have a look what the booklet for
Yxy(14.6322, 0.4570, 0.2291)
contains.

Yxy(14.6955, 0.4577, 0.2295)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.6955, 0.4577, 0.2295)

Conversions

Conversions Part 1

Format	Color
Hex	CF007B
RGB	207, 0, 123
RGB Percent	81%, 0%, 48%
CMY	0.1882, 0.9999, 0.5177
CMYK	0.00, 1.00, 0.41, 0.19
HSL	324°, 100%, 41%
HSV	324°, 100%, 81%
XYZ	29.3078, 14.6955, 20.0294
YIQ	75.9150, 83.8890, 82.1370

Conversions

Conversions Part 2

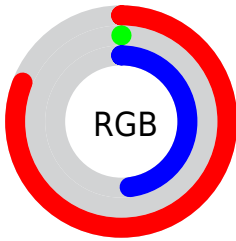
Format	Color
RYB	207, 0, 123
Decimal	13566075
CIELab	45.21, 73.94, -8.20
CIElCh	45, 74.393, 353.669
Yxy	14.6955, 0.4577, 0.2295
Android (android.graphics.Color)	4291756155 (0xFFCF007B)
YUV	75.9150, 23.2129, 114.9615
Hunter-Lab	38.3347, 69.3816, -4.1440

Details

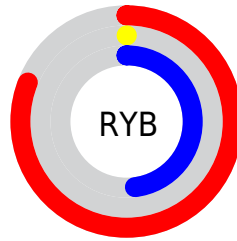
The Yxy color **14.6955, 0.4577, 0.2295** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **45.2679, 0.2812, 0.5322**, and the grayscale version is **7.1590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.4999, 0.4108, 0.2463**, and **6.6975, 0.4907, 0.2477** is the 20% darker color. If you saturate the color by 10%, you get **14.6956, 0.4577, 0.2295**, and if you desaturate by 10%, it is **15.4416, 0.4393, 0.2252**.

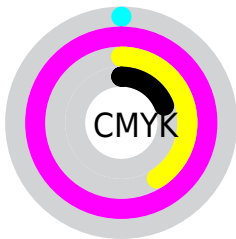
Distribution



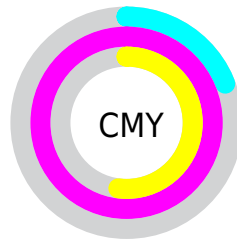
- Red (81%)
- Green (0%)
- Blue (48%)



- Red (81%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6955, 0.4577, 0.2295 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 14.6955, 0.4577, 0.2295 by changing the saturation by 10% instead.


 14.6955, 0.4577,
0.2295


 14.6955, 0.4577,
0.2295


221.5157, 0.3741,
0.2852


 8.6060, 0.4829,
0.2136

 34.3181, 0.4243,
0.2512


 4.4851, 0.5181,
0.1919

 48.6200, 0.4127,
0.2589


 1.9484, 0.5701,
0.1612

 66.4280, 0.4033,
0.2653

 0.5773, 0.6565,
0.1102

 88.1267, 0.3954,
0.2705

 0.0000, 1.0000,
0.0000

 114.1005, 0.3888,
0.2750

 0.0000, 0.0000,
0.0000

 144.7336, 0.3832,

0.2789

180.4105, 0.3784,
0.2822

■ 14.6955, 0.4577,
0.2295

■ 14.6955, 0.4577,
0.2295

■ 14.6956, 0.4577,
0.2295

■ 15.4416, 0.4393,
0.2252

■ 16.7689, 0.4204,
0.2255

■ 18.8693, 0.4017,
0.2309

■ 21.8466, 0.3839,
0.2406

■ 25.7882, 0.3676,
0.2533

■ 30.7709, 0.3530,
0.2679

■ 36.8638, 0.3404,
0.2834

■ 44.1299, 0.3295,
0.2991

■ 52.6273, 0.3204,
0.3144

Harmonies

Analogous

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



14.6955, 0.2998, 0.1707



14.6955, 0.4577, 0.2295



14.6955, 0.5746, 0.3035

Triad

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



14.6955, 0.4577, 0.2295



14.6955, 0.3877, 0.5849



14.6955, 0.0956, 0.1740

Complementary

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



14.6955, 0.4577, 0.2295



45.2679, 0.2812, 0.5322

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.



14.6955, 0.1052, 0.2712



14.6955, 0.4577, 0.2295



14.6955, 0.2653, 0.6046

Square

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



14.6955, 0.4577, 0.2295



14.6955, 0.5055, 0.4852



14.6955, 0.1605, 0.4528



14.6955, 0.1198, 0.1385

Rectangle

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



14.6955, 0.4577, 0.2295



14.6955, 0.5911, 0.3564



14.6955, 0.1605, 0.4528



14.6955, 0.0948, 0.1977

Sweetspot

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



14.6963, 0.4577, 0.2295



58.6793, 0.3408, 0.2828



6.3363, 0.1837, 0.0786



11.6263, 0.3460, 0.2761



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.



14.6963, 0.4577, 0.2295



23.5107, 0.4598, 0.2306



13.3195, 0.6295, 0.3242



11.9244, 0.3199, 0.3153



9.2777, 0.4553, 0.2282



0.5343, 0.4241, 0.2110

Inverse Universe

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



14.6963, 0.4577, 0.2295



23.5107, 0.4598, 0.2306



48.1855, 0.2335, 0.3605



11.9244, 0.3199, 0.3153



9.2777, 0.4553, 0.2282



0.5343, 0.4241, 0.2110

Previews

White Background



This preview shows how the Yxy color 14.6955, 0.4577, 0.2295 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 14.6955, 0.4577, 0.2295 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 14.6955, 0.4577, 0.2295

Background



This preview shows how black text looks on a background with the Yxy color 14.6955, 0.4577, 0.2295.



This preview shows how white text looks on a background with the Yxy color 14.6955, 0.4577, 0.2295.

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

14.6955, 0.4577, 0.2295

Protanopia

15.4836, 0.2198, 0.2041

Deuteranopia

15.3049, 0.3176, 0.3131



Tritanopia

15.1234, 0.5721, 0.3289

Trichromacy



Original Color

14.6955, 0.4577, 0.2295



Protanomaly

11.0806, 0.2765, 0.1813



Deuteranomaly

11.7827, 0.3727, 0.2468



Tritanomaly

14.3532, 0.5404, 0.2902

Monochromacy



Original Color

14.6955, 0.4577, 0.2295



Achromatopsia

7.2272, 0.3127, 0.3290



Achromatomaly

7.1893, 0.3822, 0.2422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6955, 0.4577, 0.2295 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(207, 0, 123)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 123)  
}
```

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(207, 0, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 123) }
```

Border

The CSS property to change the border of an element to Yxy 14.6955, 0.4577, 0.2295 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(207, 0, 123) }
```

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

```
.border{ border-color:rgb(207, 0, 123) }
```

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

Here you see how a box with a 4 pixel rgb(207, 0, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 123);  
box-shadow:4px 4px 4px 4px rgb(207, 0,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6955, 0.4577, 0.2295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 123) }
```

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

```
.background{ background-color: rgb(207, 0,  
123) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor