

Converting Colors

$Yxy(11.5284, 0.4186, 0.1861)$

Have a look what the booklet for
Yxy(11.5284, 0.4186, 0.1861)
contains.

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Color

Yxy(13.2755, 0.4126, 0.2047)

Conversions

Conversions Part 1

Format	Color
Hex	C20089
RGB	194, 0, 137
RGB Percent	76%, 0%, 54%
CMY	0.2393, 0.9992, 0.4627
CMYK	0.00, 1.00, 0.29, 0.24
HSL	318°, 100%, 38%
HSV	318°, 100%, 76%
XYZ	26.7585, 13.2755, 24.8194
YIQ	73.6240, 71.6470, 83.7350

Conversions

Conversions Part 2

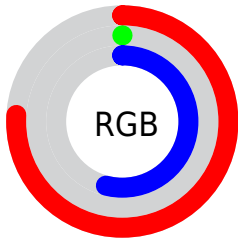
Format	Color
RYB	194, 0, 137
Decimal	12714121
CIELab	43.18, 72.63, -20.15
CIElCh	43, 75.377, 344.498
Yxy	13.2755, 0.4126, 0.2047
Android (android.graphics.Color)	4290904201 (0xFFC20089)
YUV	73.6240, 31.2444, 105.5698
Hunter-Lab	36.4356, 67.3294, -14.8827

Details

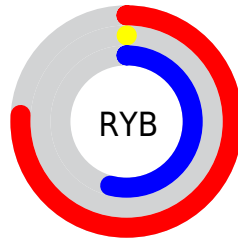
The Yxy color **13.2755, 0.4126, 0.2047** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **38.8702, 0.2893, 0.5614**, and the grayscale version is **6.7319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.8380, 0.3903, 0.2299**, and **5.8390, 0.4325, 0.2156** is the 20% darker color. If you saturate the color by 10%, you get **13.2704, 0.4127, 0.2047**, and if you desaturate by 10%, it is **13.9261, 0.4005, 0.2034**.

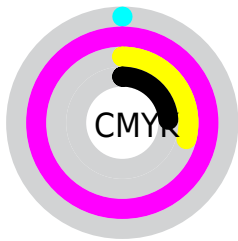
Distribution



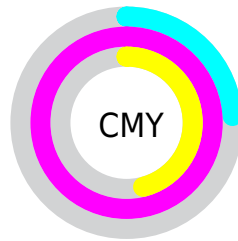
- Red (76%)
- Green (0%)
- Blue (54%)



- Red (76%)
- Yellow (0%)
- Blue (54%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (24%)





- Cyan (24%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.2755, 0.4126, 0.2047 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 13.2755, 0.4126, 0.2047 by changing the saturation by 10% instead.


 13.2755, 0.4126,
0.2047


 13.2755, 0.4126,
0.2047

212.6758, 0.3565,
0.2721


 7.6185, 0.4289,
0.1864


 31.7979, 0.3906,
0.2304


 3.8518, 0.4511,
0.1623


 45.4320, 0.3828,
0.2396

 1.5910, 0.4832,
0.1295

 62.4940, 0.3765,
0.2474

 0.3515, 0.5425,
0.0670

 83.3683, 0.3711,
0.2539

 0.0000, 0.6470,
0.0000

 108.4393, 0.3666,
0.2594

 0.0000, 1.0000,
0.0000

 138.0912, 0.3628,

 0.0000, 0.0000,

0.2642

0.0000

172.7086, 0.3594,
0.2684

■ 13.2755, 0.4126,
0.2047

■ 13.2755, 0.4126,
0.2047

■ 13.2704, 0.4127,
0.2047

■ 13.9261, 0.4005,
0.2034

■ 15.0671, 0.3882,
0.2064

■ 16.8677, 0.3758,
0.2141

■ 19.4153, 0.3639,
0.2258

■ 22.7839, 0.3526,
0.2407

■ 27.0387, 0.3424,
0.2577

■ 32.2382, 0.3333,
0.2757

■ 38.4358, 0.3253,
0.2940

■ 45.6810, 0.3185,
0.3119

Harmonies

Analogous

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



13.2755, 0.2553, 0.1527



13.2755, 0.4126, 0.2047



13.2755, 0.5599, 0.2769

Triad

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



13.2755, 0.4126, 0.2047



13.2755, 0.4282, 0.5674



13.2755, 0.0886, 0.1896

Complementary

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



13.2755, 0.4126, 0.2047



38.8702, 0.2893, 0.5614

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.



13.2755, 0.1095, 0.3167



13.2755, 0.4126, 0.2047



13.2755, 0.2981, 0.6293

Square

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



13.2755, 0.4126, 0.2047



13.2755, 0.5419, 0.4538



13.2755, 0.1820, 0.5234



13.2755, 0.1031, 0.1388

Rectangle

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



13.2755, 0.4126, 0.2047



13.2755, 0.6009, 0.3287



13.2755, 0.1820, 0.5234



13.2755, 0.0910, 0.2213

Sweetspot

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



13.2762, 0.4126, 0.2047



57.8349, 0.3338, 0.2747



4.7130, 0.1680, 0.0700



11.7400, 0.3376, 0.2668



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.



13.2762, 0.4126, 0.2047



24.0031, 0.4145, 0.2057



11.6385, 0.6034, 0.3098



10.1954, 0.3181, 0.3129



8.7425, 0.4112, 0.2039



0.3893, 0.3866, 0.1903

Inverse Universe

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



13.2762, 0.4126, 0.2047



24.0031, 0.4145, 0.2057



40.8398, 0.2445, 0.4001



10.1954, 0.3181, 0.3129



8.7425, 0.4112, 0.2039



0.3893, 0.3866, 0.1903

Previews

White Background



This preview shows how the Yxy color 13.2755, 0.4126, 0.2047 looks on a white background.

Color Contrast Check

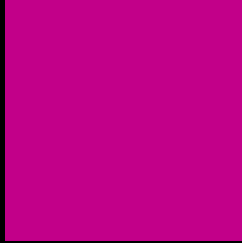
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.2755, 0.4126, 0.2047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

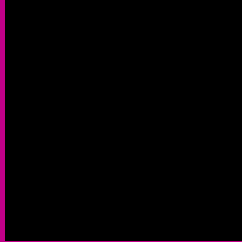
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.2755, 0.4126, 0.2047

Background



This preview shows how black text looks on a background with the Yxy color 13.2755, 0.4126, 0.2047.



This preview shows how white text looks on a background with the Yxy color 13.2755, 0.4126, 0.2047.

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

13.2755, 0.4126, 0.2047

Protanopia

14.0597, 0.1923, 0.1681

Deuteranopia

13.8860, 0.2805, 0.2757



Tritanopia

13.6152, 0.5480, 0.3276

Trichromacy



Original Color

13.2755, 0.4126, 0.2047



Protanomaly

9.7870, 0.2324, 0.1476



Deuteranomaly

10.5702, 0.3246, 0.2148



Tritanomaly

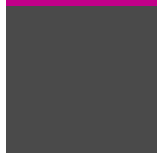
12.7471, 0.5096, 0.2770

Monochromacy



Original Color

13.2755, 0.4126, 0.2047



Achromatopsia

6.8478, 0.3127, 0.3290



Achromatomaly

6.7476, 0.3616, 0.2292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.2755, 0.4126, 0.2047 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(194, 0, 137)` looks like.

```
.text, #text, p{  
    color:rgb(194, 0, 137)  
}
```

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(194, 0, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 0, 137) }
```

Border

The CSS property to change the border of an element to Yxy 13.2755, 0.4126, 0.2047 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(194, 0, 137) }
```

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

```
.border{ border-color:rgb(194, 0, 137) }
```

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

Here you see how a box with a 4 pixel rgb(194, 0, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 0, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 0, 137);  
box-shadow:4px 4px 4px 4px rgb(194, 0,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 13.2755, 0.4126, 0.2047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 0, 137) }
```

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

```
.background{ background-color: rgb(194, 0,  
137) }
```

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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