

Converting Colors

$Yxy(15.6846, 0.4139, 0.2054)$

Have a look what the booklet for
Yxy(15.6846, 0.4139, 0.2054)
contains.

Yxy(15.6619, 0.4143, 0.2056)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(15.6619, 0.4143, 0.2056)

Conversions

Conversions Part 1

Format	Color
Hex	D10093
RGB	209, 0, 147
RGB Percent	82%, 0%, 58%
CMY	0.1804, 0.9998, 0.4236
CMYK	0.00, 1.00, 0.30, 0.18
HSL	318°, 100%, 41%
HSV	318°, 100%, 82%
XYZ	31.5599, 15.6619, 28.9547
YIQ	79.2490, 77.3770, 90.0250

Conversions

Conversions Part 2

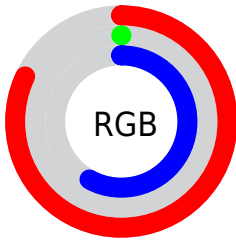
Format	Color
R_{YB}	209, 0, 147
Decimal	13697171
CIE _{Lab}	46.53, 76.72, -20.81
CIE _{LCh}	47, 79.489, 344.826
Yxy	15.6619, 0.4143, 0.2056
Android (android.graphics.Color)	4291887251 (0xFFD10093)
YUV	79.2490, 33.4012, 113.7916
Hunter-Lab	39.5751, 73.0918, -15.6763

Details

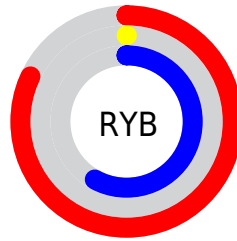
The Yxy color **15.6619, 0.4143, 0.2056** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **45.9508, 0.2894, 0.5616**, and the grayscale version is **7.7992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.9592, 0.3773, 0.2239**, and **7.2341, 0.4338, 0.2163** is the 20% darker color. If you saturate the color by 10%, you get **15.6609, 0.4143, 0.2056**, and if you desaturate by 10%, it is **16.3963, 0.4021, 0.2039**.

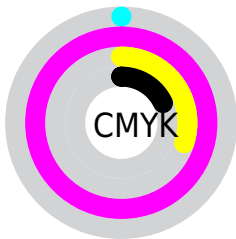
Distribution



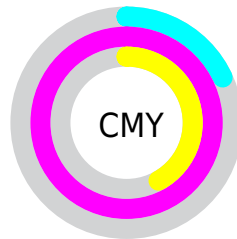
- Red (82%)
- Green (0%)
- Blue (58%)



- Red (82%)
- Yellow (0%)
- Blue (58%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 15.6619, 0.4143, 0.2056 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 15.6619, 0.4143, 0.2056 by changing the saturation by 10% instead.


 15.6619, 0.4143,
0.2056


 15.6619, 0.4143,
0.2056


 227.3383, 0.3585,
0.2709


 9.2852, 0.4299,
0.1885


 36.0102, 0.3928,
0.2300


 4.9277, 0.4509,
0.1662


 50.7507, 0.3851,
0.2390

 2.2049, 0.4805,
0.1365


 69.0479, 0.3787,
0.2465

 0.7227, 0.5251,
0.0950

 91.2862, 0.3734,
0.2529

 0.0000, 0.6207,
0.0000

 117.8500, 0.3688,
0.2583

 0.0000, 1.0000,
0.0000

 149.1236, 0.3649,

 0.0000, 0.0000,

0.2631

0.0000

185.4916, 0.3615,
0.2672

■ 15.6619, 0.4143,
0.2056

■ 15.6619, 0.4143,
0.2056

■ 15.6609, 0.4143,
0.2056

■ 16.3963, 0.4021,
0.2039

■ 17.7182, 0.3896,
0.2066

■ 19.8221, 0.3770,
0.2141

■ 22.8141, 0.3648,
0.2257

■ 26.7835, 0.3533,
0.2406

■ 31.8087, 0.3429,
0.2575

■ 37.9600, 0.3336,
0.2755

■ 45.3018, 0.3255,
0.2938

■ 53.8935, 0.3186,
0.3118

Harmonies

Analogous

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



15.6619, 0.2569, 0.1533



15.6619, 0.4143, 0.2056



15.6619, 0.5605, 0.2779

Triad

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



15.6619, 0.4143, 0.2056



15.6619, 0.4253, 0.5662



15.6619, 0.0888, 0.1890

Complementary

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



15.6619, 0.4143, 0.2056



45.9508, 0.2894, 0.5616

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.



15.6619, 0.1093, 0.3149



15.6619, 0.4143, 0.2056



15.6619, 0.2970, 0.6287

Square

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



15.6619, 0.4143, 0.2056



15.6619, 0.5391, 0.4538



15.6619, 0.1812, 0.5208



15.6619, 0.1036, 0.1388

Rectangle

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



15.6619, 0.4143, 0.2056



15.6619, 0.6006, 0.3297



15.6619, 0.1812, 0.5208



15.6619, 0.0912, 0.2203

Sweetspot

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



15.6628, 0.4143, 0.2056



59.1429, 0.3340, 0.2748



5.5426, 0.1675, 0.0697



11.7370, 0.3378, 0.2671



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.



15.6628, 0.4143, 0.2056



24.5271, 0.4156, 0.2063



13.7488, 0.6046, 0.3105



11.9468, 0.3182, 0.3128



9.6739, 0.4126, 0.2047



0.5545, 0.3919, 0.1933

Inverse Universe

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



15.6628, 0.4143, 0.2056



24.5271, 0.4156, 0.2063



48.2728, 0.2446, 0.4006



11.9468, 0.3182, 0.3128



9.6739, 0.4126, 0.2047



0.5545, 0.3919, 0.1933

Previews

White Background



This preview shows how the Yxy color 15.6619, 0.4143, 0.2056 looks on a white background.

Color Contrast Check

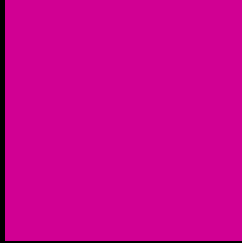
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6619, 0.4143, 0.2056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

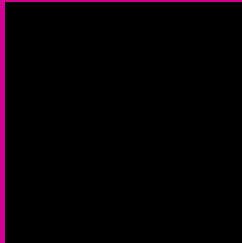
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.6619, 0.4143, 0.2056

Background



This preview shows how black text looks on a background with the Yxy color 15.6619, 0.4143, 0.2056.



This preview shows how white text looks on a background with the Yxy color 15.6619, 0.4143, 0.2056.

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

15.6619, 0.4143, 0.2056

Protanopia

16.5511, 0.1922, 0.1677

Deuteranopia

16.3375, 0.2825, 0.2772



Tritanopia

16.0595, 0.5492, 0.3268

Trichromacy



Original Color

15.6619, 0.4143, 0.2056



Protanomaly

11.4215, 0.2321, 0.1469



Deuteranomaly

12.5064, 0.3273, 0.2151



Tritanomaly

15.0750, 0.5103, 0.2770

Monochromacy



Original Color

15.6619, 0.4143, 0.2056



Achromatopsia

7.8187, 0.3127, 0.3290



Achromatomaly

7.7163, 0.3612, 0.2276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.6619, 0.4143, 0.2056 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 147) }
```

Border

The CSS property to change the border of an element to Yxy 15.6619, 0.4143, 0.2056 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, 147) }
```

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

```
.border{ border-color:rgb(209, 0, 147) }
```

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, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 147);  
box-shadow:4px 4px 4px 4px rgb(209, 0,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 15.6619, 0.4143, 0.2056 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, 147) }
```

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

```
.background{ background-color: rgb(209, 0,  
147) }
```

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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