

Converting Colors

$Y_{xy}(15.7210, 0.3174, 0.1533)$

Have a look what the booklet for
Yxy(15.7210, 0.3174, 0.1533)
contains.

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Color

Yxy(15.6525, 0.3171, 0.1532)

Conversions

Conversions Part 1

Format	Color
Hex	C207C5
RGB	194, 7, 197
RGB Percent	76%, 3%, 77%
CMY	0.2392, 0.9721, 0.2276
CMYK	0.02, 0.96, 0.00, 0.23
HSL	299°, 93%, 40%
HSV	299°, 96%, 77%
XYZ	32.3982, 15.6525, 54.1196
YIQ	84.5730, 50.4620, 98.7340

Conversions

Conversions Part 2

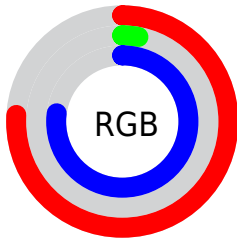
Format	Color
RYB	194, 7, 197
Decimal	12715973
CIELab	46.52, 79.81, -50.64
CIElCh	47, 94.521, 327.604
Yxy	15.6525, 0.3171, 0.1532
Android (android.graphics.Color)	4290906053 (0xFFC207C5)
YUV	84.5730, 55.4265, 95.9675
Hunter-Lab	39.5632, 76.9375, -53.4102

Details

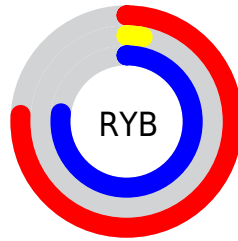
The Yxy color **15.6525, 0.3171, 0.1532** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **40.0004, 0.3004, 0.5971**, and the grayscale version is **8.8806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.8809, 0.3196, 0.1832**, and **7.1039, 0.3089, 0.1475** is the 20% darker color. If you saturate the color by 10%, you get **15.4838, 0.3170, 0.1520**, and if you desaturate by 10%, it is **16.3152, 0.3173, 0.1579**.

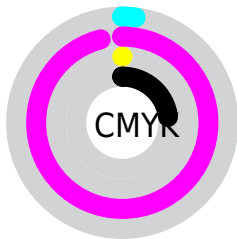
Distribution



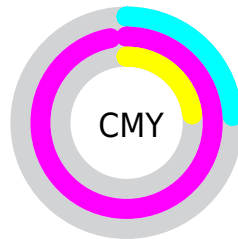
- Red (76%)
- Green (3%)
- Blue (77%)



- Red (76%)
- Yellow (3%)
- Blue (77%)



- Cyan (2%)
- Magenta (96%)
- Yellow (0%)
- Black (23%)




- Cyan (24%)
- Magenta (97%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.6525, 0.3171, 0.1532 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 15.6525, 0.3171, 0.1532 by changing the saturation by 10% instead.


 15.6525, 0.3171,
0.1532


 15.6525, 0.3171,
0.1532


227.2824, 0.3201,
0.2388


 9.2786, 0.3144,
0.1337


 35.9939, 0.3196,
0.1832


 4.9233, 0.3098,
0.1102


 50.7301, 0.3201,
0.1948


 2.2024, 0.3016,
0.0821


 69.0226, 0.3203,
0.2048

 0.7213, 0.2867,
0.0492

 91.2557, 0.3204,
0.2135

 0.0000, 0.2619,
0.0000

 117.8139, 0.3204,
0.2210

 0.0000, 0.1897,
0.0000

 149.0814, 0.3204,

 0.0000, 0.0000,

0.2277

0.0000

185.4428, 0.3203,
0.2336

■ 15.6525, 0.3171,
0.1532

■ 15.6525, 0.3171,
0.1532

■ 15.4838, 0.3170,
0.1520

■ 16.3152, 0.3173,
0.1579

■ 17.5753, 0.3174,
0.1666

■ 19.5434, 0.3172,
0.1796

■ 22.3046, 0.3169,
0.1965

■ 25.9321, 0.3164,
0.2169

■ 30.4908, 0.3157,
0.2396

■ 36.0393, 0.3150,
0.2639

■ 42.6314, 0.3141,
0.2889

■ 50.3172, 0.3133,
0.3136

Harmonies

Analogous

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



15.6525, 0.1736, 0.1162



15.6525, 0.3171, 0.1532



15.6525, 0.5140, 0.2196

Triad

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



15.6525, 0.3171, 0.1532



15.6525, 0.4982, 0.5018



15.6525, 0.0717, 0.2304

Complementary

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



15.6525, 0.3171, 0.1532



40.0004, 0.3004, 0.5971

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.



15.6525, 0.1166, 0.4477



15.6525, 0.3171, 0.1532



15.6525, 0.3583, 0.6417

Square

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



15.6525, 0.3171, 0.1532



15.6525, 0.6140, 0.3853



15.6525, 0.2219, 0.6695



15.6525, 0.0702, 0.1379

Rectangle

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



15.6525, 0.3171, 0.1532



15.6525, 0.6119, 0.2710



15.6525, 0.2219, 0.6695



15.6525, 0.0804, 0.2869

Sweetspot

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



15.6532, 0.3171, 0.1532



61.3288, 0.3152, 0.2564



4.2993, 0.1519, 0.0635



12.2095, 0.3155, 0.2459



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.



15.6532, 0.3171, 0.1532



27.7295, 0.3169, 0.1520



13.0455, 0.4815, 0.2448



10.8078, 0.3135, 0.3062



10.1913, 0.3171, 0.1520



0.4853, 0.3179, 0.1525

Inverse Universe

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



12.0433, 0.6327, 0.3292



21.2688, 0.6390, 0.3294



40.8642, 0.2731, 0.5005



10.6396, 0.3287, 0.3287



7.8133, 0.6381, 0.3289



0.3709, 0.6313, 0.3251

Previews

White Background



This preview shows how the Yxy color 15.6525, 0.3171, 0.1532 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 15.6525, 0.3171, 0.1532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

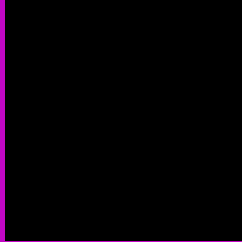
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.6525, 0.3171, 0.1532

Background



This preview shows how black text looks on a background with the Yxy color 15.6525, 0.3171, 0.1532.



This preview shows how white text looks on a background with the Yxy color 15.6525, 0.3171, 0.1532.

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

15.6525, 0.3171, 0.1532

Protanopia

16.3266, 0.1741, 0.1468

Deuteranopia

16.1811, 0.2058, 0.1998



Tritanopia

15.7560, 0.4747, 0.3214

Trichromacy



Original Color

15.6525, 0.3171, 0.1532



Protanomaly

10.8558, 0.1828, 0.1142



Deuteranomaly

11.9512, 0.2284, 0.1501



Tritanomaly

14.3503, 0.4187, 0.2392

Monochromacy



Original Color

15.6525, 0.3171, 0.1532



Achromatopsia

9.0842, 0.3127, 0.3290



Achromatomaly

8.7926, 0.3169, 0.2036

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.6525, 0.3171, 0.1532 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, 7, 197)` looks like.

```
.text, #text, p{  
    color:rgb(194, 7, 197)  
}
```

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, 7, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 7, 197) }
```

Border

The CSS property to change the border of an element to Yxy 15.6525, 0.3171, 0.1532 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, 7, 197) }
```

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

```
.border{ border-color:rgb(194, 7, 197) }
```

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

Here you see how a box with a 4 pixel rgb(194, 7, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 7, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 7, 197);  
box-shadow:4px 4px 4px 4px rgb(194, 7,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 15.6525, 0.3171, 0.1532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 7, 197) }
```

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

```
.background{ background-color: rgb(194, 7,  
197) }
```

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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