

Converting Colors

$Y_{xy}(15.5830, 0.3503, 0.1765)$

Have a look what the booklet for
Yxy(15.5830, 0.3503, 0.1765)
contains.

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Color

Yxy(15.5262, 0.3494, 0.1758)

Conversions

Conversions Part 1

Format	Color
Hex	C419AF
RGB	196, 25, 175
RGB Percent	77%, 10%, 69%
CMY	0.2312, 0.9024, 0.3137
CMYK	0.00, 0.87, 0.11, 0.23
HSL	307°, 77%, 43%
HSV	307°, 87%, 77%
XYZ	30.8581, 15.5262, 41.9331
YIQ	93.2290, 53.7660, 82.9020

Conversions

Conversions Part 2

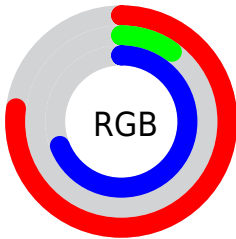
Format	Color
R_{YB}	196, 25, 175
Decimal	12851631
CIE _{Lab}	46.35, 74.91, -38.02
CIE _{LCh}	46, 84.007, 333.093
Yxy	15.5262, 0.3494, 0.1758
Android (android.graphics.Color)	4291041711 (0xFFC419AF)
YUV	93.2290, 40.3131, 90.1302
Hunter-Lab	39.4033, 70.8338, -35.5143

Details

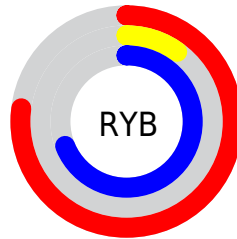
The Yxy color **15.5262, 0.3494, 0.1758** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **39.8982, 0.2960, 0.5722**, and the grayscale version is **10.8849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.5789, 0.3428, 0.2035**, and **6.8084, 0.3517, 0.1711** is the 20% darker color. If you saturate the color by 10%, you get **14.8572, 0.3536, 0.1732**, and if you desaturate by 10%, it is **16.7704, 0.3449, 0.1826**.

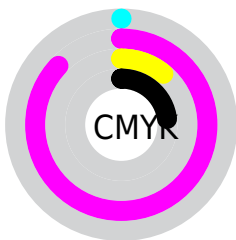
Distribution



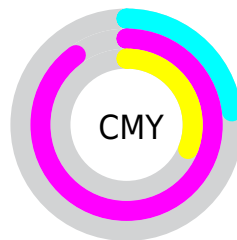
- Red (77%)
- Green (10%)
- Blue (69%)



- Red (77%)
- Yellow (10%)
- Blue (69%)



- Cyan (0%)
- Magenta (87%)
- Yellow (11%)
- Black (23%)




- Cyan (23%)
- Magenta (90%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.5262, 0.3494, 0.1758 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 15.5262, 0.3494, 0.1758 by changing the saturation by 10% instead.


 15.5262, 0.3494,
0.1758


 15.5262, 0.3494,
0.1758


226.5294, 0.3329,
0.2533


 9.1895, 0.3525,
0.1569


 35.7737, 0.3441,
0.2038


 4.8650, 0.3558,
0.1334


 50.4533, 0.3418,
0.2144

 2.1683, 0.3585,
0.1038


 68.6826, 0.3399,
0.2234

 0.7026, 0.3593,
0.0661

 90.8461, 0.3382,
0.2311

 0.0000, 0.3604,
0.0000

 117.3281, 0.3366,
0.2378

 0.0000, 0.2791,
0.0000

 148.5131, 0.3353,

 0.0000, 0.0000,

0.2436

0.0000

184.7854, 0.3340,
0.2488

■ 15.5262, 0.3494,
0.1758

■ 15.5262, 0.3494,
0.1758

■ 14.8572, 0.3536,
0.1732

■ 16.7704, 0.3449,
0.1826

■ 14.7173, 0.3547,
0.1728

■ 18.7072, 0.3402,
0.1938

■ 21.4229, 0.3354,
0.2090

■ 24.9906, 0.3308,
0.2272

■ 29.4751, 0.3263,
0.2477

■ 34.9350, 0.3221,
0.2695

■ 41.4237, 0.3183,
0.2916

■ 48.9911, 0.3149,
0.3135

■ 57.6837, 0.3120,
0.3346

Harmonies

Analogous

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



15.5262, 0.2045, 0.1341



15.5262, 0.3494, 0.1758



15.5262, 0.5232, 0.2437

Triad

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



15.5262, 0.3494, 0.1758



15.5262, 0.4746, 0.5254



15.5262, 0.0841, 0.2201

Complementary

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



15.5262, 0.3494, 0.1758



39.8982, 0.2960, 0.5722

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.



15.5262, 0.1217, 0.3934



15.5262, 0.3494, 0.1758



15.5262, 0.3420, 0.6309

Square

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



15.5262, 0.3494, 0.1758



15.5262, 0.5803, 0.4105



15.5262, 0.2160, 0.6058



15.5262, 0.0869, 0.1445

Rectangle

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



15.5262, 0.3494, 0.1758



15.5262, 0.5981, 0.2948



15.5262, 0.2160, 0.6058



15.5262, 0.0911, 0.2651

Sweetspot

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



15.5270, 0.3494, 0.1758



64.2327, 0.3218, 0.2714



5.2327, 0.1644, 0.0755



12.9470, 0.3232, 0.2637



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.



15.5270, 0.3494, 0.1758



26.6240, 0.3553, 0.1731



13.1781, 0.5081, 0.2680



10.2255, 0.3156, 0.3090



9.4613, 0.3542, 0.1725



0.4149, 0.3458, 0.1678

Inverse Universe

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



15.5270, 0.3494, 0.1758



26.6240, 0.3553, 0.1731



41.3249, 0.2589, 0.4420



10.2255, 0.3156, 0.3090



9.4613, 0.3542, 0.1725



0.4149, 0.3458, 0.1678

Previews

White Background



This preview shows how the Yxy color 15.5262, 0.3494, 0.1758 looks on a white background.

Color Contrast Check

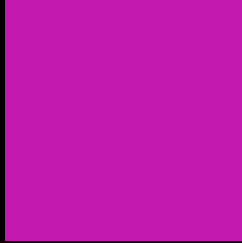
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5262, 0.3494, 0.1758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

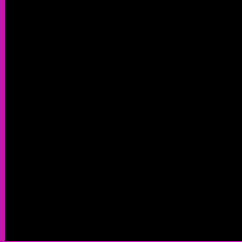
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.5262, 0.3494, 0.1758

Background



This preview shows how black text looks on a background with the Yxy color 15.5262, 0.3494, 0.1758.



This preview shows how white text looks on a background with the Yxy color 15.5262, 0.3494, 0.1758.

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

15.5262, 0.3494, 0.1758

Deuteranopia

15.8947, 0.2328, 0.2271

Tritanopia

15.7213, 0.4979, 0.3246

Trichromacy



Original Color

15.5262, 0.3494, 0.1758

Deuteranomaly

12.9686, 0.2645, 0.1833

Tritanomaly

14.8494, 0.4461, 0.2595

Monochromacy



Original Color

15.5262, 0.3494, 0.1758

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.3101, 0.3292, 0.2286

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5262, 0.3494, 0.1758 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(196, 25, 175)` looks like.

```
.text, #text, p{  
  color:rgb(196, 25, 175)  
}
```

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(196, 25, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 25, 175) }
```

Border

The CSS property to change the border of an element to Yxy 15.5262, 0.3494, 0.1758 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(196, 25, 175) }
```

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

```
.border{ border-color:rgb(196, 25, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 25, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 25, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 25, 175);  
box-shadow:4px 4px 4px 4px rgb(196, 25,  
175) }
```

Background

The CSS property to change the background color of an element to Yxy 15.5262, 0.3494, 0.1758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 25, 175) }
```

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

```
.background{ background-color: rgb(196, 25,  
175) }
```

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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