

Converting Colors

$Y_{xy}(15.7422, 0.3183, 0.2094)$

Have a look what the booklet for
Yxy(15.7422, 0.3183, 0.2094)
contains.

Yxy(15.7422, 0.3183, 0.2094)	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(15.7422, 0.3183, 0.2094)

Conversions

Conversions Part 1

Format	Color
Hex	A14FA1
RGB	161, 79, 161
RGB Percent	63%, 31%, 63%
CMY	0.3686, 0.6902, 0.3685
CMYK	0.00, 0.51, 0.00, 0.37
HSL	300°, 34%, 47%
HSV	300°, 51%, 63%
XYZ	23.9290, 15.7422, 35.5064
YIQ	112.8660, 22.5500, 42.8860

Conversions

Conversions Part 2

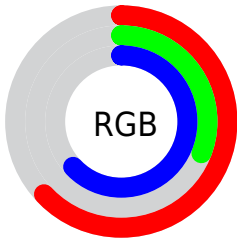
Format	Color
R_{YB}	161, 79, 161
Decimal	10571681
CIE _{Lab}	46.63, 45.74, -29.67
CIE _{LCh}	47, 54.522, 327.030
Yxy	15.7422, 0.3183, 0.2094
Android (android.graphics.Color)	4288761761 (0xFFA14FA1)
YUV	112.8660, 23.7301, 42.2135
Hunter-Lab	39.6764, 38.2204, -25.2850

Details

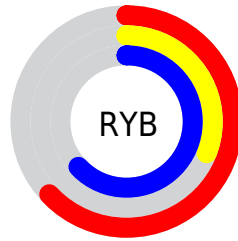
The Yxy color **15.7422, 0.3183, 0.2094** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **27.7255, 0.3053, 0.4869**, and the grayscale version is **16.3953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.0959, 0.3192, 0.2331**, and **4.9687, 0.3159, 0.1707** is the 20% darker color. If you saturate the color by 10%, you get **13.6944, 0.3192, 0.1908**, and if you desaturate by 10%, it is **18.3541, 0.3173, 0.2308**.

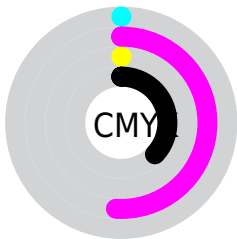
Distribution



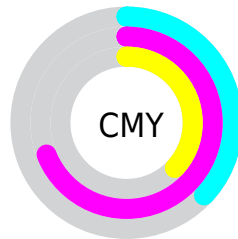
- Red (63%)
- Green (31%)
- Blue (63%)



- Red (63%)
- Yellow (31%)
- Blue (63%)



- Cyan (0%)
- Magenta (51%)
- Yellow (0%)
- Black (37%)




- Cyan (37%)
- Magenta (69%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.7422, 0.3183, 0.2094 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 15.7422, 0.3183, 0.2094 by changing the saturation by 10% instead.


 15.7422, 0.3183,
0.2094


 15.7422, 0.3183,
0.2094


227.8157, 0.3174,
0.2730


 9.3419, 0.3175,
0.1926


 36.1501, 0.3186,
0.2333


 4.9649, 0.3158,
0.1706


 50.9264, 0.3185,
0.2421


 2.2267, 0.3119,
0.1410

 69.2636, 0.3184,
0.2494

 0.7345, 0.3030,
0.0995

 91.5460, 0.3182,
0.2555

 0.0000, 0.2914,
0.0000

 118.1580, 0.3180,
0.2608

 0.0000, 0.0000,
0.0000

149.4841, 0.3178,

0.2654

185.9085, 0.3176,
0.2695

■ 15.7422, 0.3183,
0.2094

■ 15.7422, 0.3183,
0.2094

■ 13.6944, 0.3192,
0.1908

■ 18.3541, 0.3173,
0.2308

■ 12.1671, 0.3199,
0.1758

■ 21.5651, 0.3162,
0.2541

■ 11.1141, 0.3204,
0.1647

■ 25.4099, 0.3151,
0.2783

■ 10.4800, 0.3207,
0.1578

■ 29.9200, 0.3139,
0.3028

■ 10.1496, 0.3209,
0.1541

■ 35.1248, 0.3128,
0.3268

■ 41.0519, 0.3117,
0.3498

■ 47.7275, 0.3107,
0.3714

■ 55.1763, 0.3098,
0.3916

■ 63.4220, 0.3089,
0.4101

Harmonies

Analogous

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



15.7422, 0.2227, 0.1800



15.7422, 0.3183, 0.2094



15.7422, 0.4311, 0.2614

Triad

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



15.7422, 0.3183, 0.2094



15.7422, 0.4640, 0.4732



15.7422, 0.1478, 0.2819

Complementary

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



15.7422, 0.3183, 0.2094



27.7255, 0.3053, 0.4869

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.



15.7422, 0.1943, 0.4017



15.7422, 0.3183, 0.2094



15.7422, 0.3761, 0.5281

Square

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



15.7422, 0.3183, 0.2094



15.7422, 0.5181, 0.3987



15.7422, 0.2779, 0.5102



15.7422, 0.1393, 0.2078

Rectangle

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



15.7422, 0.3183, 0.2094



15.7422, 0.4910, 0.3041



15.7422, 0.2779, 0.5102



15.7422, 0.1587, 0.3179

Sweetspot

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



15.7429, 0.3183, 0.2094



49.9126, 0.3144, 0.2922



10.0267, 0.2180, 0.1741



10.5992, 0.3147, 0.2874



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.7429, 0.3183, 0.2094



24.1406, 0.3193, 0.1888



14.5606, 0.3782, 0.2626



7.2021, 0.3138, 0.3068



8.1036, 0.3209, 0.1541



0.1703, 0.3209, 0.1541

Inverse Universe

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



13.7356, 0.4535, 0.3294



20.1395, 0.5042, 0.3295



28.4835, 0.2771, 0.4093



7.0860, 0.3285, 0.3290



6.0517, 0.6400, 0.3300



0.1272, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 15.7422, 0.3183, 0.2094 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 15.7422, 0.3183, 0.2094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

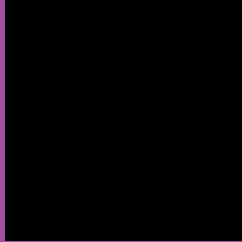
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.7422, 0.3183, 0.2094

Background



This preview shows how black text looks on a background with the Yxy color 15.7422, 0.3183, 0.2094.



This preview shows how white text looks on a background with the Yxy color 15.7422, 0.3183, 0.2094.

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

15.7422, 0.3183, 0.2094

Protanopia

16.1447, 0.2132, 0.1961

Deuteranopia

16.0390, 0.2480, 0.2426



Tritanopia

15.8150, 0.3950, 0.3174

Trichromacy



Original Color

15.7422, 0.3183, 0.2094

Protanomaly

15.1609, 0.2407, 0.1961

Deuteranomaly

15.3854, 0.2698, 0.2259

Tritanomaly

15.7429, 0.3664, 0.2740

Monochromacy



Original Color

15.7422, 0.3183, 0.2094

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

15.6649, 0.3152, 0.2760

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.7422, 0.3183, 0.2094 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(161, 79, 161)` looks like.

```
.text, #text, p{  
    color:rgb(161, 79, 161)  
}
```

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(161, 79, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 79, 161) }
```

Border

The CSS property to change the border of an element to Yxy 15.7422, 0.3183, 0.2094 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(161, 79, 161) }
```

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

```
.border{ border-color:rgb(161, 79, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 79, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 79, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 79, 161);  
box-shadow:4px 4px 4px 4px rgb(161, 79,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 15.7422, 0.3183, 0.2094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 79, 161) }
```

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

```
.background{ background-color: rgb(161, 79,  
161) }
```

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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