

Converting Colors

$Y_{xy}(14.4388, 0.3169, 0.1913)$

Have a look what the booklet for
Yxy(14.4388, 0.3169, 0.1913)
contains.

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Color

Yxy(14.3996, 0.3164, 0.1911)

Conversions

Conversions Part 1

Format	Color
Hex	A342A5
RGB	163, 66, 165
RGB Percent	64%, 26%, 65%
CMY	0.3608, 0.7411, 0.3530
CMYK	0.01, 0.60, 0.00, 0.35
HSL	299°, 43%, 45%
HSV	299°, 60%, 65%
XYZ	23.8411, 14.3996, 37.1104
YIQ	106.2890, 26.0330, 51.3530

Conversions

Conversions Part 2

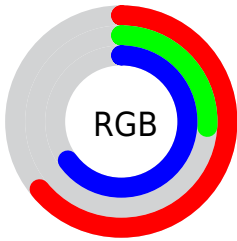
Format	Color
R_{YB}	163, 66, 165
Decimal	10699429
CIE _{Lab}	44.80, 53.26, -34.88
CIE _{LCh}	45, 63.661, 326.782
Yxy	14.3996, 0.3164, 0.1911
Android (android.graphics.Color)	4288889509 (0xFFA342A5)
YUV	106.2890, 28.9445, 49.7355
Hunter-Lab	37.9468, 45.7405, -31.4204

Details

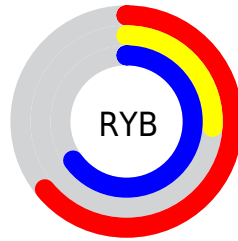
The Yxy color **14.3996, 0.3164, 0.1911** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **28.5259, 0.3051, 0.5175**, and the grayscale version is **14.4119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8159, 0.3179, 0.2187**, and **4.3804, 0.3104, 0.1483** is the 20% darker color. If you saturate the color by 10%, you get **12.7071, 0.3166, 0.1753**, and if you desaturate by 10%, it is **16.6495, 0.3161, 0.2104**.

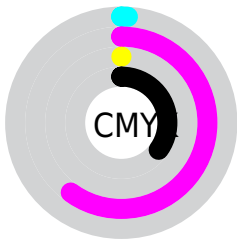
Distribution



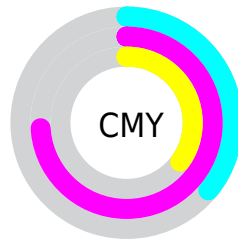
- Red (64%)
- Green (26%)
- Blue (65%)



- Red (64%)
- Yellow (26%)
- Blue (65%)



- Cyan (1%)
- Magenta (60%)
- Yellow (0%)
- Black (35%)




- Cyan (36%)
- Magenta (74%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3996, 0.3164, 0.1911 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 14.3996, 0.3164, 0.1911 by changing the saturation by 10% instead.


 14.3996, 0.3164,
0.1911


 14.3996, 0.3164,
0.1911


219.7028, 0.3174,
0.2637


 8.3991, 0.3148,
0.1723


 33.7964, 0.3177,
0.2181


 4.3514, 0.3116,
0.1482


 47.9615, 0.3179,
0.2281

 1.8720, 0.3052,
0.1167

 65.6169, 0.3179,
0.2364

 0.5315, 0.2933,
0.0702

 87.1471, 0.3179,
0.2436

 0.0000, 0.2655,
0.0000

 112.9363, 0.3178,
0.2497

 0.0000, 0.0000,
0.0000

143.3691, 0.3177,

0.2550

178.8298, 0.3176,
0.2596

■ 14.3996, 0.3164,
0.1911

■ 14.3996, 0.3164,
0.1911

■ 12.7071, 0.3166,
0.1753

■ 16.6495, 0.3161,
0.2104

■ 11.5208, 0.3165,
0.1635

■ 19.4983, 0.3156,
0.2323

■ 10.7833, 0.3163,
0.1559

■ 22.9858, 0.3150,
0.2560

■ 10.3629, 0.3160,
0.1514

■ 27.1479, 0.3143,
0.2805

■ 10.3622, 0.3160,
0.1514

■ 32.0177, 0.3135,
0.3051

■ 37.6261, 0.3127,
0.3290

■ 44.0024, 0.3119,
0.3519

■ 51.1742, 0.3111,
0.3735

■ 59.1676, 0.3104,
0.3934

Harmonies

Analogous

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



14.3996, 0.2063, 0.1589



14.3996, 0.3164, 0.1911



14.3996, 0.4527, 0.2483

Triad

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



14.3996, 0.3164, 0.1911



14.3996, 0.4814, 0.4863



14.3996, 0.1232, 0.2698

Complementary

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



14.3996, 0.3164, 0.1911



28.5259, 0.3051, 0.5175

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.



14.3996, 0.1725, 0.4177



14.3996, 0.3164, 0.1911



14.3996, 0.3780, 0.5631

Square

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



14.3996, 0.3164, 0.1911



14.3996, 0.5504, 0.3980



14.3996, 0.2665, 0.5542



14.3996, 0.1157, 0.1868

Rectangle

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



14.3996, 0.3164, 0.1911



14.3996, 0.5249, 0.2949



14.3996, 0.2665, 0.5542



14.3996, 0.1344, 0.3127

Sweetspot

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



14.4002, 0.3164, 0.1911



49.9863, 0.3141, 0.2846



8.1703, 0.2000, 0.1461



10.4355, 0.3143, 0.2777



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



14.4002, 0.3164, 0.1911



21.9583, 0.3166, 0.1709



13.2230, 0.3932, 0.2502



7.1949, 0.3134, 0.3068



7.8440, 0.3160, 0.1515



0.1669, 0.3179, 0.1525

Inverse Universe

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



12.3134, 0.4910, 0.3267



17.9152, 0.5531, 0.3270



29.2363, 0.2744, 0.4304



7.0882, 0.3282, 0.3286



6.0580, 0.6372, 0.3284



0.1279, 0.6240, 0.3211

Previews

White Background



This preview shows how the Yxy color 14.3996, 0.3164, 0.1911 looks on a white background.

Color Contrast Check

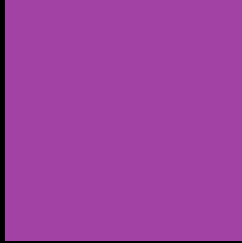
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3996, 0.3164, 0.1911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

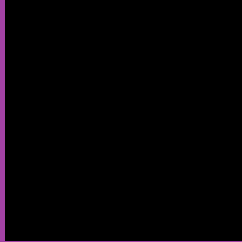
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3996, 0.3164, 0.1911

Background



This preview shows how black text looks on a background with the Yxy color 14.3996, 0.3164, 0.1911.



This preview shows how white text looks on a background with the Yxy color 14.3996, 0.3164, 0.1911.

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

14.3996, 0.3164, 0.1911

Protanopia

14.6648, 0.1920, 0.1677

Deuteranopia

14.6615, 0.2340, 0.2290



Tritanopia

14.3159, 0.4132, 0.3175

Trichromacy



Original Color

14.3996, 0.3164, 0.1911

Protanomaly

13.3331, 0.2186, 0.1680

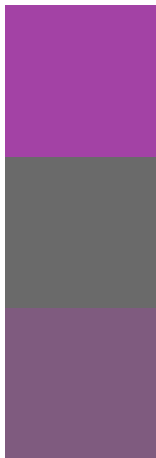
Deuteranomaly

13.5661, 0.2574, 0.2056

Tritanomaly

14.0920, 0.3762, 0.2647

Monochromacy



Original Color

14.3996, 0.3164, 0.1911

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

13.5265, 0.3159, 0.2617

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3996, 0.3164, 0.1911 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(163, 66, 165)` looks like.

```
.text, #text, p{  
    color:rgb(163, 66, 165)  
}
```

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(163, 66, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 66, 165) }
```

Border

The CSS property to change the border of an element to Yxy 14.3996, 0.3164, 0.1911 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(163, 66, 165) }
```

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

```
.border{ border-color:rgb(163, 66, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 66, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 66, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 66, 165); box-shadow:4px 4px 4px 4px rgb(163, 66, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3996, 0.3164, 0.1911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 66, 165) }
```

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

```
.background{ background-color: rgb(163, 66,  
165) }
```

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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