

Converting Colors

$Yxy(14.5898, 0.3155, 0.1840)$

Have a look what the booklet for
Yxy(14.5898, 0.3155, 0.1840)
contains.

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Color

Yxy(14.5630, 0.3154, 0.1843)

Conversions

Conversions Part 1

Format	Color
Hex	A73EAA
RGB	167, 62, 170
RGB Percent	65%, 24%, 67%
CMY	0.3449, 0.7570, 0.3333
CMYK	0.02, 0.64, 0.00, 0.33
HSL	298°, 47%, 45%
HSV	298°, 64%, 67%
XYZ	24.9222, 14.5630, 39.5327
YIQ	105.7070, 27.9120, 55.8480

Conversions

Conversions Part 2

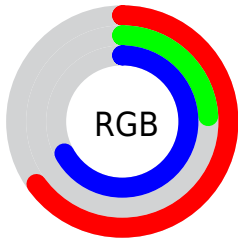
Format	Color
RYB	167, 62, 170
Decimal	10960554
CIELab	45.03, 56.97, -37.46
CIELCh	45, 68.178, 326.675
Yxy	14.5630, 0.3154, 0.1843
Android (android.graphics.Color)	4289150634 (0xFFA73EAA)
YUV	105.7070, 31.6964, 53.7540
Hunter-Lab	38.1615, 49.7909, -34.7073

Details

The Yxy color **14.5630, 0.3154, 0.1843** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **30.2220, 0.3050, 0.5292**, and the grayscale version is **14.2318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.2211, 0.3172, 0.2123**, and **4.7291, 0.3107, 0.1485** is the 20% darker color. If you saturate the color by 10%, you get **12.9457, 0.3153, 0.1698**, and if you desaturate by 10%, it is **16.7600, 0.3153, 0.2025**.

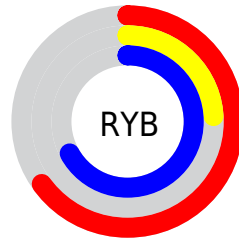
Distribution



Red (65%)

Green (24%)

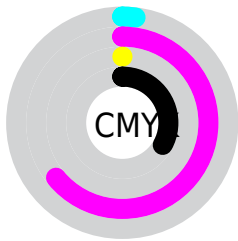
Blue (67%)



Red (65%)

Yellow (24%)

Blue (67%)

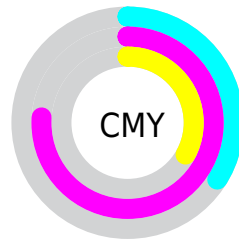


Cyan (2%)

Magenta (64%)

Yellow (0%)

Black (33%)



Cyan (34%)


Magenta (76%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5630, 0.3154, 0.1843 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 14.5630, 0.3154, 0.1843 by changing the saturation by 10% instead.


 14.5630, 0.3154,
0.1843


 14.5630, 0.3154,
0.1843


220.7057, 0.3174,
0.2596

 8.5133, 0.3134,
0.1652


 34.0847, 0.3171,
0.2120


 4.4251, 0.3097,
0.1410


 48.3255, 0.3174,
0.2224


 1.9141, 0.3026,
0.1098

 66.0654, 0.3176,
0.2311

 0.5568, 0.2893,
0.0659

 87.6888, 0.3176,
0.2385

 0.0000, 0.2615,
0.0000

 113.5802, 0.3176,
0.2449

 0.0000, 0.0000,
0.0000

144.1238, 0.3176,

0.2504

179.7042, 0.3175,
0.2553

■ 14.5630, 0.3154,
0.1843

■ 14.5630, 0.3154,
0.1843

■ 12.9457, 0.3153,
0.1698

■ 16.7600, 0.3153,
0.2025

■ 11.8501, 0.3150,
0.1594

■ 19.5835, 0.3151,
0.2237

■ 11.2096, 0.3145,
0.1531

■ 23.0779, 0.3147,
0.2470

■ 10.9389, 0.3141,
0.1504

■ 27.2830, 0.3142,
0.2715

■ 32.2354, 0.3136,
0.2962

■ 37.9694, 0.3130,
0.3206

■ 44.5169, 0.3123,
0.3439

■ 51.9083, 0.3116,
0.3660

■ 60.1722, 0.3109,
0.3865

Harmonies

Analogous

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



14.5630, 0.2001, 0.1513



14.5630, 0.3154, 0.1843



14.5630, 0.4610, 0.2432

Triad

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



14.5630, 0.3154, 0.1843



14.5630, 0.4873, 0.4902



14.5630, 0.1143, 0.2650

Complementary

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



14.5630, 0.3154, 0.1843



30.2220, 0.3050, 0.5292

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.



14.5630, 0.1642, 0.4241



14.5630, 0.3154, 0.1843



14.5630, 0.3775, 0.5757

Square

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



14.5630, 0.3154, 0.1843



14.5630, 0.5619, 0.3965



14.5630, 0.2615, 0.5721



14.5630, 0.1073, 0.1790

Rectangle

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



14.5630, 0.3154, 0.1843



14.5630, 0.5380, 0.2910



14.5630, 0.2615, 0.5721



14.5630, 0.1254, 0.3106

Sweetspot

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



14.5637, 0.3154, 0.1843



53.1108, 0.3140, 0.2819



7.7706, 0.1929, 0.1343



11.3045, 0.3141, 0.2750



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



14.5637, 0.3154, 0.1843



22.6201, 0.3152, 0.1653



13.3339, 0.4007, 0.2466



7.6560, 0.3133, 0.3067



8.0499, 0.3142, 0.1505



0.1990, 0.3166, 0.1518

Inverse Universe

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



12.3686, 0.5069, 0.3256



18.3786, 0.5701, 0.3262



30.9546, 0.2732, 0.4381



7.5455, 0.3281, 0.3284



6.2955, 0.6363, 0.3279



0.1542, 0.6194, 0.3186

Previews

White Background



This preview shows how the Yxy color 14.5630, 0.3154, 0.1843 looks on a white background.

Color Contrast Check

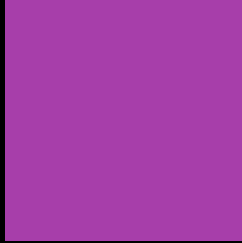
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5630, 0.3154, 0.1843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

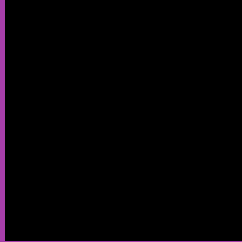
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5630, 0.3154, 0.1843

Background



This preview shows how black text looks on a background with the Yxy color 14.5630, 0.3154, 0.1843.



This preview shows how white text looks on a background with the Yxy color 14.5630, 0.3154, 0.1843.

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

14.5630, 0.3154, 0.1843

Protanopia

15.0396, 0.1845, 0.1586

Deuteranopia

14.9091, 0.2281, 0.2229



Tritanopia

14.5388, 0.4216, 0.3179

Trichromacy



Original Color

14.5630, 0.3154, 0.1843

Protanomaly

13.2087, 0.2088, 0.1572

Deuteranomaly

13.6801, 0.2516, 0.1989

Tritanomaly

14.2409, 0.3812, 0.2617

Monochromacy



Original Color

14.5630, 0.3154, 0.1843

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

13.4865, 0.3146, 0.2568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5630, 0.3154, 0.1843 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(167, 62, 170)` looks like.

```
.text, #text, p{  
    color:rgb(167, 62, 170)  
}
```

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(167, 62, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 62, 170) }
```

Border

The CSS property to change the border of an element to Yxy 14.5630, 0.3154, 0.1843 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(167, 62, 170) }
```

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

```
.border{ border-color:rgb(167, 62, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 62, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 62, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 62, 170);  
box-shadow:4px 4px 4px 4px rgb(167, 62,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5630, 0.3154, 0.1843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 62, 170) }
```

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

```
.background{ background-color: rgb(167, 62,  
170) }
```

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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