

Converting Colors

$Y_{xy}(14.4268, 0.3179, 0.2184)$

Have a look what the booklet for
Yxy(14.4268, 0.3179, 0.2184)
contains.

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Color

Yxy(14.4234, 0.3179, 0.2188)

Conversions

Conversions Part 1

Format	Color
Hex	965096
RGB	150, 80, 150
RGB Percent	59%, 31%, 59%
CMY	0.4117, 0.6863, 0.4117
CMYK	0.00, 0.47, 0.00, 0.41
HSL	300°, 30%, 45%
HSV	300°, 47%, 59%
XYZ	20.9561, 14.4234, 30.5410
YIQ	108.9100, 19.2500, 36.6100

Conversions

Conversions Part 2

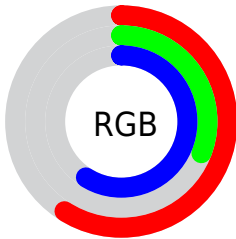
Format	Color
R_{YB}	150, 80, 150
Decimal	9851030
CIE _{Lab}	44.83, 39.84, -26.03
CIE _{LCh}	45, 47.595, 326.841
Yxy	14.4234, 0.3179, 0.2188
Android (android.graphics.Color)	4288041110 (0xFF965096)
YUV	108.9100, 20.2574, 36.0359
Hunter-Lab	37.9782, 32.0335, -21.0946

Details

The Yxy color **14.4234, 0.3179, 0.2188** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.1053, 0.3060, 0.4709**, and the grayscale version is **15.2033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9840, 0.3188, 0.2429**, and **4.3708, 0.3152, 0.1801** is the 20% darker color. If you saturate the color by 10%, you get **12.4675, 0.3188, 0.1990**, and if you desaturate by 10%, it is **16.8711, 0.3169, 0.2410**.

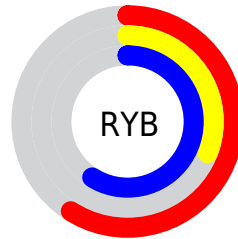
Distribution



Red (59%)

Green (31%)

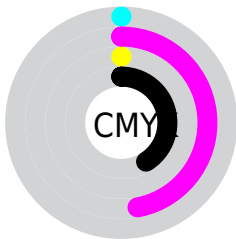
Blue (59%)



Red (59%)

Yellow (31%)

Blue (59%)

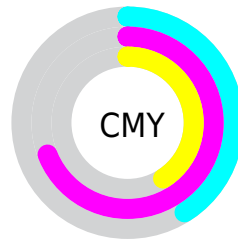


Cyan (0%)

Magenta (47%)

Yellow (0%)

Black (41%)



Cyan (41%)


Magenta (69%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4234, 0.3179, 0.2188 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 14.4234, 0.3179, 0.2188 by changing the saturation by 10% instead.


 14.4234, 0.3179,
0.2188


 14.4234, 0.3179,
0.2188


219.8491, 0.3168,
0.2789


 8.4157, 0.3173,
0.2022


 33.8384, 0.3181,
0.2418


 4.3621, 0.3158,
0.1801


 48.0146, 0.3179,
0.2501


 1.8781, 0.3121,
0.1495

 65.6823, 0.3178,
0.2570

 0.5352, 0.3052,
0.0986

 87.2261, 0.3176,
0.2628

 0.0000, 0.2607,
0.0000

 113.0303, 0.3174,
0.2677

 0.0000, 0.0000,
0.0000

143.4792, 0.3172,

0.2719

178.9574, 0.3170,
0.2756

■ 14.4234, 0.3179,
0.2188

■ 14.4234, 0.3179,
0.2188

■ 12.4675, 0.3188,
0.1990

■ 16.8711, 0.3169,
0.2410

■ 10.9684, 0.3196,
0.1823

■ 19.8387, 0.3157,
0.2647

■ 9.8896, 0.3202,
0.1695


■ 23.3544, 0.3146,
0.2890


■ 9.1883, 0.3206,
0.1607

■ 27.4439, 0.3135,
0.3132

■ 8.7968, 0.3209,
0.1556

■ 32.1311, 0.3124,
0.3367

 8.6889, 0.3210,
0.1542

 37.4389, 0.3113,
0.3590

 43.3885, 0.3103,
0.3799

 50.0006, 0.3094,
0.3993

 57.2946, 0.3086,
0.4170

Harmonies

Analogous

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



14.4234, 0.2305, 0.1915



14.4234, 0.3179, 0.2188



14.4234, 0.4190, 0.2674

Triad

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



14.4234, 0.3179, 0.2188



14.4234, 0.4539, 0.4635



14.4234, 0.1615, 0.2887

Complementary

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



14.4234, 0.3179, 0.2188



24.1053, 0.3060, 0.4709

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.



14.4234, 0.2061, 0.3951



14.4234, 0.3179, 0.2188



14.4234, 0.3743, 0.5089

Square

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



14.4234, 0.3179, 0.2188



14.4234, 0.5006, 0.3965



14.4234, 0.2838, 0.4896



14.4234, 0.1525, 0.2195

Rectangle

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



14.4234, 0.3179, 0.2188



14.4234, 0.4728, 0.3077



14.4234, 0.2838, 0.4896



14.4234, 0.1722, 0.3212

Sweetspot

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



14.4240, 0.3179, 0.2188



42.8447, 0.3143, 0.2949



9.6424, 0.2271, 0.1875



9.1971, 0.3145, 0.2901



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



14.4240, 0.3179, 0.2188



21.8682, 0.3189, 0.1982



13.4594, 0.3720, 0.2700



5.9092, 0.3137, 0.3072



7.2035, 0.3210, 0.1542



0.0882, 0.3209, 0.1542

Inverse Universe

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



14.4240, 0.3179, 0.2188



21.8682, 0.3189, 0.1982



24.7641, 0.2785, 0.3984



5.9092, 0.3137, 0.3072



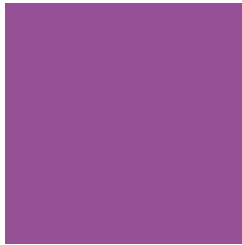
7.2035, 0.3210, 0.1542



0.0882, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 14.4234, 0.3179, 0.2188 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 14.4234, 0.3179, 0.2188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

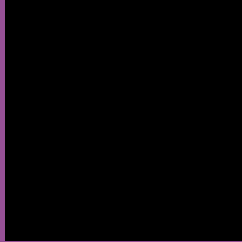
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4234, 0.3179, 0.2188

Background



This preview shows how black text looks on a background with the Yxy color 14.4234, 0.3179, 0.2188.



This preview shows how white text looks on a background with the Yxy color 14.4234, 0.3179, 0.2188.

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

14.4234, 0.3179, 0.2188

Protanopia

14.5522, 0.2223, 0.2074

Deuteranopia

14.6114, 0.2544, 0.2485



Tritanopia

14.4844, 0.3844, 0.3167

Trichromacy



Original Color

14.4234, 0.3179, 0.2188

Protanomaly

13.8929, 0.2485, 0.2074

Deuteranomaly

14.1172, 0.2749, 0.2349

Tritanomaly

14.3984, 0.3583, 0.2772

Monochromacy



Original Color

14.4234, 0.3179, 0.2188

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.4757, 0.3150, 0.2795

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4234, 0.3179, 0.2188 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(150, 80, 150)` looks like.

```
.text, #text, p{  
  color:rgb(150, 80, 150)  
}
```

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(150, 80, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 80, 150) }
```

Border

The CSS property to change the border of an element to Yxy 14.4234, 0.3179, 0.2188 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(150, 80, 150) }
```

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

```
.border{ border-color:rgb(150, 80, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 80, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 80, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 80, 150);  
box-shadow:4px 4px 4px 4px rgb(150, 80,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4234, 0.3179, 0.2188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 80, 150) }
```

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

```
.background{ background-color: rgb(150, 80,  
150) }
```

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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