

Converting Colors

$Y_{xy}(14.3563, 0.3180, 0.2175)$

Have a look what the booklet for
Yxy(14.3563, 0.3180, 0.2175)
contains.

Yxy(14.2780, 0.3180, 0.2174)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.2780, 0.3180, 0.2174)

Conversions

Conversions Part 1

Format	Color
Hex	964F96
RGB	150, 79, 150
RGB Percent	59%, 31%, 59%
CMY	0.4116, 0.6903, 0.4117
CMYK	0.00, 0.47, 0.00, 0.41
HSL	300°, 31%, 45%
HSV	300°, 47%, 59%
XYZ	20.8850, 14.2780, 30.5131
YIQ	108.3230, 19.5250, 37.1330

Conversions

Conversions Part 2

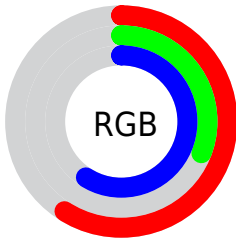
Format	Color
R_{YB}	150, 79, 150
Decimal	9850774
CIE _{Lab}	44.63, 40.39, -26.35
CIE _{LCh}	45, 48.221, 326.881
Yxy	14.2780, 0.3180, 0.2174
Android (android.graphics.Color)	4288040854 (0xFF964F96)
YUV	108.3230, 20.5468, 36.5507
Hunter-Lab	37.7862, 32.5337, -21.4275

Details

The Yxy color **14.2780, 0.3180, 0.2174** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.0522, 0.3059, 0.4733**, and the grayscale version is **15.0280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7140, 0.3188, 0.2417**, and **4.2727, 0.3153, 0.1773** is the 20% darker color. If you saturate the color by 10%, you get **12.3536, 0.3189, 0.1978**, and if you desaturate by 10%, it is **16.6922, 0.3170, 0.2395**.

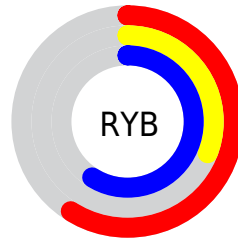
Distribution



Red (59%)

Green (31%)

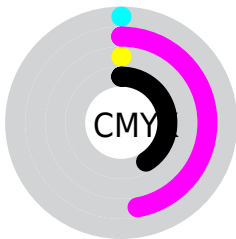
Blue (59%)



Red (59%)

Yellow (31%)

Blue (59%)

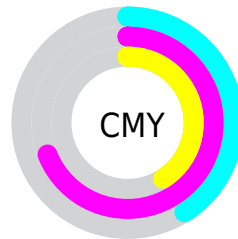


Cyan (0%)

Magenta (47%)

Yellow (0%)

Black (41%)



Cyan (41%)


Magenta (69%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.2780, 0.3180, 0.2174 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 14.2780, 0.3180, 0.2174 by changing the saturation by 10% instead.

 14.2780, 0.3180,
0.2174

 14.2780, 0.3180,
0.2174


218.9535, 0.3169,
0.2782


 8.3143, 0.3174,
0.2006


 33.5815, 0.3182,
0.2407


 4.2967, 0.3158,
0.1783


 47.6900, 0.3180,
0.2491

 1.8409, 0.3120,
0.1474

 65.2823, 0.3179,
0.2561

 0.5125, 0.3052,
0.0951

 86.7427, 0.3177,
0.2619

 0.0000, 0.2575,
0.0000

 112.4557, 0.3175,
0.2669

 0.0000, 0.0000,
0.0000

142.8055, 0.3173,

0.2712

178.1766, 0.3171,
0.2749

■ 14.2780, 0.3180,
0.2174

■ 14.2780, 0.3180,
0.2174

■ 12.3536, 0.3189,
0.1978

■ 16.6922, 0.3170,
0.2395

■ 10.8837, 0.3197,
0.1814

■ 19.6244, 0.3158,
0.2631

■ 9.8316, 0.3203,
0.1688

■ 23.1031, 0.3147,
0.2874

■ 9.1538, 0.3207,
0.1602

■ 27.1540, 0.3135,
0.3116

■ 8.7751, 0.3210,
0.1553

■ 31.8013, 0.3124,
0.3351

■ 8.6892, 0.3210,
0.1542

■ 37.0677, 0.3114,
0.3575

■ 42.9747, 0.3104,
0.3785

■ 49.5430, 0.3095,
0.3980

■ 56.7921, 0.3086,
0.4159

Harmonies

Analogous

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



14.2780, 0.2293, 0.1897



14.2780, 0.3180, 0.2174



14.2780, 0.4208, 0.2666

Triad

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



14.2780, 0.3180, 0.2174



14.2780, 0.4555, 0.4651



14.2780, 0.1594, 0.2877

Complementary

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



14.2780, 0.3180, 0.2174



24.0522, 0.3059, 0.4733

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.



14.2780, 0.2044, 0.3961



14.2780, 0.3180, 0.2174



14.2780, 0.3746, 0.5118

Square

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



14.2780, 0.3180, 0.2174



14.2780, 0.5032, 0.3969



14.2780, 0.2830, 0.4926



14.2780, 0.1505, 0.2178

Rectangle

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



14.2780, 0.3180, 0.2174



14.2780, 0.4755, 0.3072



14.2780, 0.2830, 0.4926



14.2780, 0.1702, 0.3207

Sweetspot

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



14.2786, 0.3180, 0.2174



42.8443, 0.3143, 0.2949



9.4527, 0.2257, 0.1851



9.1970, 0.3146, 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.



14.2786, 0.3180, 0.2174



21.5643, 0.3190, 0.1964



13.3028, 0.3733, 0.2692



5.9092, 0.3137, 0.3072



7.2021, 0.3210, 0.1542



0.0882, 0.3210, 0.1542

Inverse Universe

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



14.2786, 0.3180, 0.2174



21.5643, 0.3190, 0.1964



24.7141, 0.2781, 0.3996



5.9092, 0.3137, 0.3072



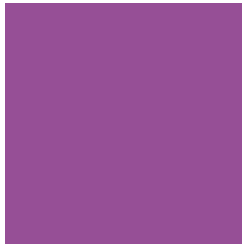
7.2021, 0.3210, 0.1542



0.0882, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 14.2780, 0.3180, 0.2174 looks on a white background.

Color Contrast Check

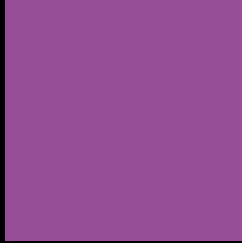
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2780, 0.3180, 0.2174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

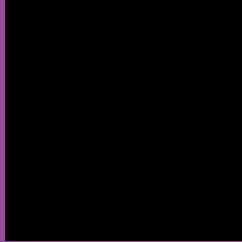
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2780, 0.3180, 0.2174

Background



This preview shows how black text looks on a background with the Yxy color 14.2780, 0.3180, 0.2174.



This preview shows how white text looks on a background with the Yxy color 14.2780, 0.3180, 0.2174.

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

14.2780, 0.3180, 0.2174

Protanopia

14.5464, 0.2209, 0.2058

Deuteranopia

14.5272, 0.2543, 0.2500



Tritanopia

14.2933, 0.3866, 0.3167

Trichromacy



Original Color

14.2780, 0.3180, 0.2174

Protanomaly

13.8320, 0.2474, 0.2070

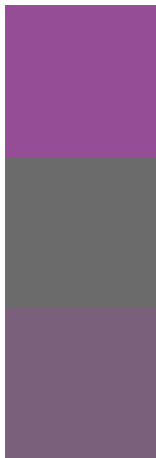
Deuteranomaly

14.0497, 0.2736, 0.2346

Tritanomaly

14.2117, 0.3602, 0.2771

Monochromacy



Original Color

14.2780, 0.3180, 0.2174

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.1904, 0.3151, 0.2791

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2780, 0.3180, 0.2174 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, 79, 150)` looks like.

```
.text, #text, p{  
    color:rgb(150, 79, 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, 79, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 79, 150) }
```

Border

The CSS property to change the border of an element to Yxy 14.2780, 0.3180, 0.2174 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, 79, 150) }
```

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

```
.border{ border-color:rgb(150, 79, 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, 79, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 79, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 79, 150); box-shadow:4px 4px 4px 4px rgb(150, 79, 150) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2780, 0.3180, 0.2174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 79, 150) }
```

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

```
.background{ background-color: rgb(150, 79,  
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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