

Converting Colors

$Y_{xy}(14.6862, 0.3014, 0.2006)$

Have a look what the booklet for
Yxy(14.6862, 0.3014, 0.2006)
contains.

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Color

Yxy(14.6724, 0.3023, 0.2008)

Conversions

Conversions Part 1

Format	Color
Hex	974EA3
RGB	151, 78, 163
RGB Percent	59%, 31%, 64%
CMY	0.4080, 0.6939, 0.3609
CMYK	0.07, 0.52, 0.00, 0.36
HSL	292°, 35%, 47%
HSV	292°, 52%, 64%
XYZ	22.0890, 14.6724, 36.3083
YIQ	109.5170, 16.2230, 41.9110

Conversions

Conversions Part 2

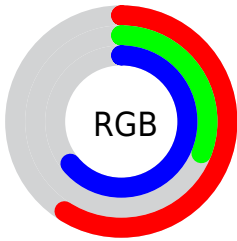
Format	Color
R_{YB}	151, 78, 163
Decimal	9916067
CIE _{Lab}	45.18, 43.69, -33.20
CIE _{LCh}	45, 54.877, 322.767
Yxy	14.6724, 0.3023, 0.2008
Android (android.graphics.Color)	4288106147 (0xFF974EA3)
YUV	109.5170, 26.3671, 36.3806
Hunter-Lab	38.3046, 35.9020, -29.3869

Details

The Yxy color **14.6724, 0.3023, 0.2008** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **28.9152, 0.3146, 0.4866**, and the grayscale version is **15.3698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.2926, 0.3067, 0.2269**, and **4.4832, 0.2932, 0.1588** is the 20% darker color. If you saturate the color by 10%, you get **12.4171, 0.2992, 0.1799**, and if you desaturate by 10%, it is **17.5073, 0.3051, 0.2242**.

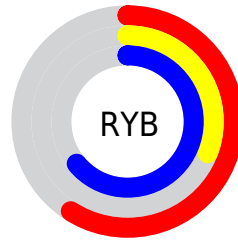
Distribution



Red (59%)

Green (31%)

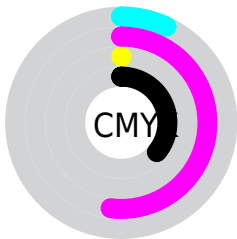
Blue (64%)



Red (59%)

Yellow (31%)

Blue (64%)

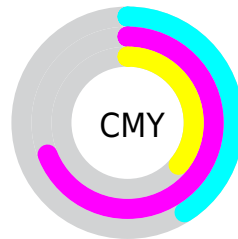


Cyan (7%)

Magenta (52%)

Yellow (0%)

Black (36%)



Cyan (41%)

Magenta (69%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6724, 0.3023, 0.2008 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 14.6724, 0.3023, 0.2008 by changing the saturation by 10% instead.


 14.6724, 0.3023,
0.2008

 14.6724, 0.3023,
0.2008


221.3747, 0.3108,
0.2692


 8.5898, 0.2986,
0.1827


 34.2774, 0.3064,
0.2265


 4.4746, 0.2928,
0.1592


 48.5687, 0.3076,
0.2359


 1.9424, 0.2828,
0.1279

 66.3649, 0.3086,
0.2438

 0.5737, 0.2650,
0.0813

 88.0505, 0.3092,
0.2504

 0.0000, 0.2214,
0.0000

 114.0099, 0.3098,
0.2561

 0.0000, 0.0000,
0.0000

144.6274, 0.3102,

0.2611

180.2876, 0.3106,
0.2654

■ 14.6724, 0.3023,
0.2008

■ 14.6724, 0.3023,
0.2008

■ 12.4171, 0.2992,
0.1799

■ 17.5073, 0.3051,
0.2242

■ 10.6962, 0.2958,
0.1624

■ 20.9587, 0.3075,
0.2490

■ 9.4611, 0.2922,
0.1490

■ 25.0627, 0.3095,
0.2745

■ 8.6532, 0.2886,
0.1398

■ 29.8518, 0.3112,
0.2997

■ 8.2098, 0.2857,
0.1348

■ 35.3568, 0.3125,
0.3240

■ 41.6062, 0.3135,
0.3471

■ 48.6272, 0.3142,
0.3686

■ 56.4454, 0.3147,
0.3885

■ 65.0854, 0.3150,
0.4067

Harmonies

Analogous

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



14.6724, 0.2094, 0.1746



14.6724, 0.3023, 0.2008



14.6724, 0.4187, 0.2509

Triad

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



14.6724, 0.3023, 0.2008



14.6724, 0.4776, 0.4650



14.6724, 0.1480, 0.2950

Complementary

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



14.6724, 0.3023, 0.2008



28.9152, 0.3146, 0.4866

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.



14.6724, 0.2010, 0.4231



14.6724, 0.3023, 0.2008



14.6724, 0.3905, 0.5285

Square

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



14.6724, 0.3023, 0.2008



14.6724, 0.5267, 0.3883



14.6724, 0.2902, 0.5257



14.6724, 0.1346, 0.2121

Rectangle

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



14.6724, 0.3023, 0.2008



14.6724, 0.4853, 0.2933



14.6724, 0.2902, 0.5257



14.6724, 0.1609, 0.3344

Sweetspot

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



14.6730, 0.3023, 0.2008



49.7358, 0.3105, 0.2892



11.7105, 0.2196, 0.1908



10.7959, 0.3102, 0.2843



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.



14.6730, 0.3023, 0.2008



21.5351, 0.2985, 0.1760



14.9398, 0.3618, 0.2448



7.1511, 0.3116, 0.3067



6.3972, 0.2860, 0.1349



0.1475, 0.2996, 0.1424

Inverse Universe

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



13.9789, 0.4372, 0.3106



20.3049, 0.4853, 0.3083



28.8865, 0.2846, 0.4342



7.1016, 0.3264, 0.3258



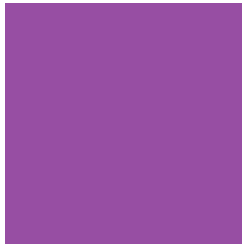
6.1042, 0.6177, 0.3176



0.1327, 0.5453, 0.2778

Previews

White Background



This preview shows how the Yxy color 14.6724, 0.3023, 0.2008 looks on a white background.

Color Contrast Check

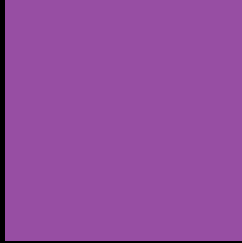
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6724, 0.3023, 0.2008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

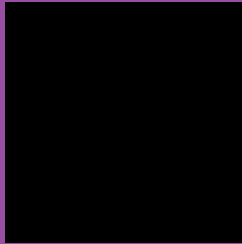
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6724, 0.3023, 0.2008

Background



This preview shows how black text looks on a background with the Yxy color 14.6724, 0.3023, 0.2008.



This preview shows how white text looks on a background with the Yxy color 14.6724, 0.3023, 0.2008.

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

14.6724, 0.3023, 0.2008

Protanopia

15.0306, 0.2060, 0.1863

Deuteranopia

14.9624, 0.2361, 0.2314



Tritanopia

14.7846, 0.3786, 0.3166

Trichromacy



Original Color

14.6724, 0.3023, 0.2008

Protanomaly

14.1081, 0.2305, 0.1871

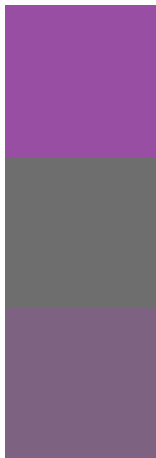
Deuteranomaly

14.2188, 0.2558, 0.2145

Tritanomaly

14.5457, 0.3489, 0.2674

Monochromacy



Original Color

14.6724, 0.3023, 0.2008

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

14.6803, 0.3098, 0.2709

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6724, 0.3023, 0.2008 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(151, 78, 163)` looks like.

```
.text, #text, p{  
    color:rgb(151, 78, 163)  
}
```

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(151, 78, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 78, 163) }
```

Border

The CSS property to change the border of an element to Yxy 14.6724, 0.3023, 0.2008 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(151, 78, 163) }
```

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

```
.border{ border-color:rgb(151, 78, 163) }
```

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

Here you see how a box with a 4 pixel rgb(151, 78, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 78, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 78, 163);  
box-shadow:4px 4px 4px 4px rgb(151, 78,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6724, 0.3023, 0.2008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 78, 163) }
```

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

```
.background{ background-color: rgb(151, 78,  
163) }
```

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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