

Converting Colors

$Y_{xy}(14.4650, 0.3024, 0.2031)$

Have a look what the booklet for
Yxy(14.4650, 0.3024, 0.2031)
contains.

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Color

Yxy(14.5547, 0.3021, 0.2034)

Conversions

Conversions Part 1

Format	Color
Hex	954FA1
RGB	149, 79, 161
RGB Percent	58%, 31%, 63%
CMY	0.4158, 0.6901, 0.3687
CMYK	0.07, 0.51, 0.00, 0.37
HSL	291°, 34%, 47%
HSV	291°, 51%, 63%
XYZ	21.6174, 14.5547, 35.3850
YIQ	109.2780, 15.3980, 40.3420

Conversions

Conversions Part 2

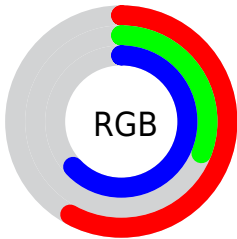
Format	Color
R_{YB}	149, 79, 161
Decimal	9785249
CIE _{Lab}	45.02, 42.20, -32.30
CIE _{LCh}	45, 53.139, 322.566
Yxy	14.5547, 0.3021, 0.2034
Android (android.graphics.Color)	4287975329 (0xFF954FA1)
YUV	109.2780, 25.4989, 34.8362
Hunter-Lab	38.1506, 34.3803, -28.2864

Details

The Yxy color **14.5547, 0.3021, 0.2034** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **28.2799, 0.3151, 0.4822**, and the grayscale version is **15.3004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1696, 0.3066, 0.2293**, and **4.4214, 0.2928, 0.1618** is the 20% darker color. If you saturate the color by 10%, you get **12.2863, 0.2989, 0.1821**, and if you desaturate by 10%, it is **17.3913, 0.3050, 0.2271**.

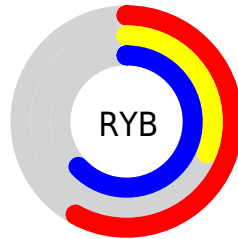
Distribution



Red (58%)

Green (31%)

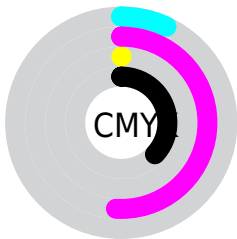
Blue (63%)



Red (58%)

Yellow (31%)

Blue (63%)

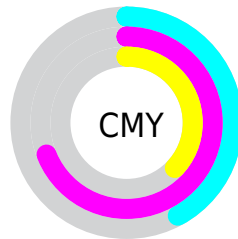


Cyan (7%)

Magenta (51%)

Yellow (0%)

Black (37%)



Cyan (42%)


Magenta (69%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.5547, 0.3021, 0.2034 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 14.5547, 0.3021, 0.2034 by changing the saturation by 10% instead.


 14.5547, 0.3021,
0.2034


 14.5547, 0.3021,
0.2034


220.6549, 0.3107,
0.2707


 8.5075, 0.2985,
0.1855


 34.0701, 0.3062,
0.2288


 4.4213, 0.2927,
0.1620


 48.3070, 0.3074,
0.2381

 1.9119, 0.2826,
0.1306

 66.0426, 0.3083,
0.2458

 0.5555, 0.2650,
0.0827

 87.6613, 0.3090,
0.2523

 0.0000, 0.2159,
0.0000

 113.5475, 0.3096,
0.2579

 0.0000, 0.0000,
0.0000

144.0856, 0.3100,

0.2628

179.6599, 0.3104,
0.2670

■ 14.5547, 0.3021,
0.2034

■ 14.5547, 0.3021,
0.2034

■ 12.2863, 0.2989,
0.1821

■ 17.3913, 0.3050,
0.2271

■ 10.5430, 0.2954,
0.1640

■ 20.8316, 0.3075,
0.2521

■ 9.2783, 0.2917,
0.1499

■ 24.9100, 0.3096,
0.2775

■ 8.4370, 0.2879,
0.1402

■ 29.6582, 0.3113,
0.3027

■ 7.9216, 0.2845,
0.1341

■ 35.1054, 0.3126,
0.3269

■ 41.2793, 0.3136,
0.3497

■ 48.2061, 0.3144,
0.3711

■ 55.9105, 0.3149,
0.3907

■ 64.4163, 0.3152,
0.4086

Harmonies

Analogous

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



14.5547, 0.2115, 0.1778



14.5547, 0.3021, 0.2034



14.5547, 0.4151, 0.2525

Triad

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



14.5547, 0.3021, 0.2034



14.5547, 0.4749, 0.4625



14.5547, 0.1521, 0.2972

Complementary

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



14.5547, 0.3021, 0.2034



28.2799, 0.3151, 0.4822

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.



14.5547, 0.2046, 0.4210



14.5547, 0.3021, 0.2034



14.5547, 0.3903, 0.5232

Square

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



14.5547, 0.3021, 0.2034



14.5547, 0.5216, 0.3877



14.5547, 0.2922, 0.5195



14.5547, 0.1384, 0.2157

Rectangle

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



14.5547, 0.3021, 0.2034



14.5547, 0.4799, 0.2942



14.5547, 0.2922, 0.5195



14.5547, 0.1650, 0.3355

Sweetspot

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



14.5553, 0.3021, 0.2034



49.2513, 0.3106, 0.2918



11.7746, 0.2220, 0.1947



10.4357, 0.3102, 0.2868



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



14.5553, 0.3021, 0.2034



21.5705, 0.2984, 0.1797



14.8473, 0.3602, 0.2467



7.1493, 0.3115, 0.3067



6.3410, 0.2848, 0.1342



0.1467, 0.2988, 0.1420

Inverse Universe

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



13.9293, 0.4318, 0.3103



20.4621, 0.4755, 0.3077



28.2278, 0.2851, 0.4312



7.1021, 0.3263, 0.3257



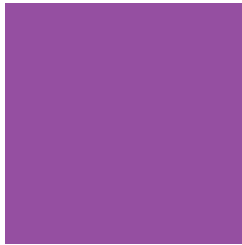
6.1070, 0.6166, 0.3170



0.1329, 0.5426, 0.2763

Previews

White Background



This preview shows how the Yxy color 14.5547, 0.3021, 0.2034 looks on a white background.

Color Contrast Check

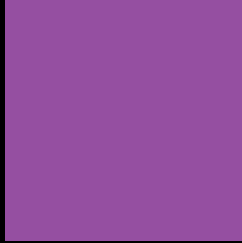
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5547, 0.3021, 0.2034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

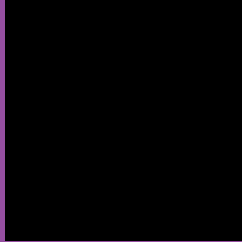
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5547, 0.3021, 0.2034

Background



This preview shows how black text looks on a background with the Yxy color 14.5547, 0.3021, 0.2034.



This preview shows how white text looks on a background with the Yxy color 14.5547, 0.3021, 0.2034.

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

14.5547, 0.3021, 0.2034

Protanopia

14.7360, 0.2089, 0.1895

Deuteranopia

14.7346, 0.2382, 0.2327



Tritanopia

14.6077, 0.3756, 0.3164

Trichromacy



Original Color

14.5547, 0.3021, 0.2034

Protanomaly

14.0463, 0.2336, 0.1908

Deuteranomaly

14.1494, 0.2577, 0.2173

Tritanomaly

14.5041, 0.3472, 0.2701

Monochromacy



Original Color

14.5547, 0.3021, 0.2034

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.5790, 0.3097, 0.2724

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5547, 0.3021, 0.2034 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(149, 79, 161)` looks like.

```
.text, #text, p{  
    color:rgb(149, 79, 161)  
}
```

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(149, 79, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 79, 161) }
```

Border

The CSS property to change the border of an element to Yxy 14.5547, 0.3021, 0.2034 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(149, 79, 161) }
```

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

```
.border{ border-color:rgb(149, 79, 161) }
```

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

Here you see how a box with a 4 pixel rgb(149, 79, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 79, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 79, 161);  
box-shadow:4px 4px 4px 4px rgb(149, 79,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5547, 0.3021, 0.2034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 79, 161) }
```

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

```
.background{ background-color: rgb(149, 79,  
161) }
```

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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