

Converting Colors

$Y_{xy}(14.9445, 0.2952, 0.1734)$

Have a look what the booklet for
Yxy(14.9445, 0.2952, 0.1734)
contains.

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Color

Yxy(14.9445, 0.2952, 0.1734)

Conversions

Conversions Part 1

Format	Color
Hex	A341B6
RGB	163, 65, 182
RGB Percent	64%, 25%, 71%
CMY	0.3607, 0.7452, 0.2863
CMYK	0.10, 0.64, 0.00, 0.29
HSL	290°, 47%, 48%
HSV	290°, 64%, 71%
XYZ	25.4418, 14.9445, 45.7988
YIQ	107.6400, 20.8510, 57.1630

Conversions

Conversions Part 2

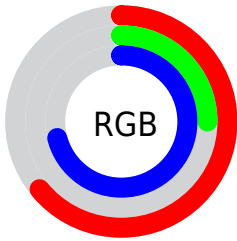
Format	Color
R_{YB}	163, 65, 182
Decimal	10699190
CIE _{Lab}	45.56, 56.90, -43.72
CIE _{LCh}	46, 71.754, 322.464
Yxy	14.9445, 0.2952, 0.1734
Android (android.graphics.Color)	4288889270 (0xFFA341B6)
YUV	107.6400, 36.6595, 48.5507
Hunter-Lab	38.6581, 49.8235, -43.1810

Details

The Yxy color **14.9445, 0.2952, 0.1734** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **35.7195, 0.3146, 0.5267**, and the grayscale version is **14.7806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7389, 0.3024, 0.2026**, and **4.7467, 0.2829, 0.1332** is the 20% darker color. If you saturate the color by 10%, you get **12.8744, 0.2911, 0.1564**, and if you desaturate by 10%, it is **17.6961, 0.2990, 0.1940**.

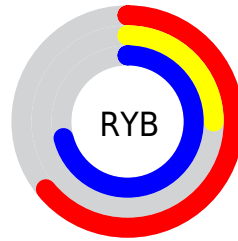
Distribution



Red (64%)

Green (25%)

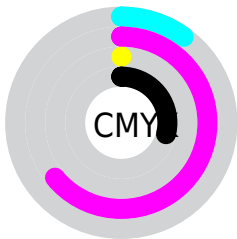
Blue (71%)



Red (64%)

Yellow (25%)

Blue (71%)

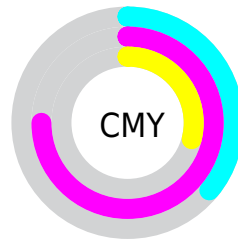


Cyan (10%)

Magenta (64%)

Yellow (0%)

Black (29%)



Cyan (36%)


Magenta (75%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9445, 0.2952, 0.1734 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 14.9445, 0.2952, 0.1734 by changing the saturation by 10% instead.


 14.9445, 0.2952,
0.1734


 14.9445, 0.2952,
0.1734


223.0300, 0.3089,
0.2530


 8.7804, 0.2898,
0.1539


 34.7558, 0.3015,
0.2023

 4.5983, 0.2817,
0.1295


 49.1718, 0.3035,
0.2132

 2.0135, 0.2685,
0.0990

 67.1073, 0.3050,
0.2224

 0.6153, 0.2465,
0.0593

 88.9466, 0.3062,
0.2303

 0.0000, 0.2085,
0.0000

 115.0741, 0.3071,
0.2371

 0.0000, 0.0000,
0.0000

145.8743, 0.3078,

0.2431

181.7315, 0.3084,
0.2483

■ 14.9445, 0.2952,
0.1734

■ 14.9445, 0.2952,
0.1734

■ 12.8744, 0.2911,
0.1564

■ 17.6961, 0.2990,
0.1940

■ 11.4165, 0.2869,
0.1436

■ 21.1859, 0.3025,
0.2174

■ 10.4900, 0.2827,
0.1353

■ 25.4665, 0.3056,
0.2424

■ 10.1004, 0.2803,
0.1318

■ 30.5856, 0.3082,
0.2682

■ 36.5866, 0.3103,
0.2939

■ 43.5103, 0.3121,
0.3187

■ 51.3947, 0.3135,
0.3423

■ 60.2758, 0.3145,
0.3643

■ 70.1876, 0.3153,
0.3846

Harmonies

Analogous

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



14.9445, 0.1838, 0.1440



14.9445, 0.2952, 0.1734



14.9445, 0.4463, 0.2303

Triad

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



14.9445, 0.2952, 0.1734



14.9445, 0.5049, 0.4785



14.9445, 0.1123, 0.2801

Complementary

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



14.9445, 0.2952, 0.1734



35.7195, 0.3146, 0.5267

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.



14.9445, 0.1696, 0.4552



14.9445, 0.2952, 0.1734



14.9445, 0.3932, 0.5739

Square

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



14.9445, 0.2952, 0.1734



14.9445, 0.5753, 0.3831



14.9445, 0.2739, 0.5944



14.9445, 0.1007, 0.1818

Rectangle

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



14.9445, 0.2952, 0.1734



14.9445, 0.5335, 0.2779



14.9445, 0.2739, 0.5944



14.9445, 0.1256, 0.3314

Sweetspot

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



14.9451, 0.2952, 0.1734



60.6600, 0.3093, 0.2810



10.9165, 0.1965, 0.1551



12.7268, 0.3087, 0.2737



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



14.9451, 0.2952, 0.1734



22.1566, 0.2894, 0.1508



15.7063, 0.3762, 0.2260



9.0871, 0.3112, 0.3063



7.1572, 0.2808, 0.1320



0.2722, 0.2918, 0.1381

Inverse Universe

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



14.3626, 0.4837, 0.3050



21.3621, 0.5431, 0.3059



35.5778, 0.2823, 0.4693



9.0353, 0.3263, 0.3253



7.0942, 0.6142, 0.3157



0.2575, 0.5513, 0.2810

Previews

White Background



This preview shows how the Yxy color 14.9445, 0.2952, 0.1734 looks on a white background.

Color Contrast Check

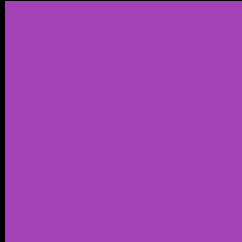
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9445, 0.2952, 0.1734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

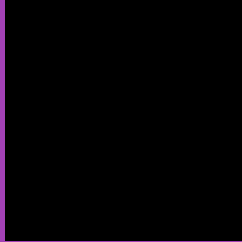
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9445, 0.2952, 0.1734

Background



This preview shows how black text looks on a background with the Yxy color 14.9445, 0.2952, 0.1734.



This preview shows how white text looks on a background with the Yxy color 14.9445, 0.2952, 0.1734.

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

14.9445, 0.2952, 0.1734

Protanopia

15.2403, 0.1755, 0.1467

Deuteranopia

15.2954, 0.2139, 0.2092



Tritanopia

15.0206, 0.4003, 0.3190

Trichromacy



Original Color

14.9445, 0.2952, 0.1734



Protanomaly

13.1194, 0.1913, 0.1438



Deuteranomaly

13.9461, 0.2345, 0.1863



Tritanomaly

14.6610, 0.3590, 0.2552

Monochromacy



Original Color

14.9445, 0.2952, 0.1734



Achromatopsia

14.9960, 0.3127, 0.3290



Achromatomaly

13.9928, 0.3064, 0.2507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9445, 0.2952, 0.1734 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(163, 65, 182)` looks like.

```
.text, #text, p{  
    color:rgb(163, 65, 182)  
}
```

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(163, 65, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 65, 182) }
```

Border

The CSS property to change the border of an element to Yxy 14.9445, 0.2952, 0.1734 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(163, 65, 182) }
```

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

```
.border{ border-color:rgb(163, 65, 182) }
```

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

Here you see how a box with a 4 pixel rgb(163, 65, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 65, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 65, 182);  
box-shadow:4px 4px 4px 4px rgb(163, 65,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9445, 0.2952, 0.1734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 65, 182) }
```

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

```
.background{ background-color: rgb(163, 65,  
182) }
```

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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