

Converting Colors

$Y_{xy}(17.0093, 0.2991, 0.2336)$

Have a look what the booklet for
Yxy(17.0093, 0.2991, 0.2336)
contains.

Yxy(17.0093, 0.2991, 0.2336)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.0093, 0.2991, 0.2336)

Conversions

Conversions Part 1

Format	Color
Hex	8F629D
RGB	143, 98, 157
RGB Percent	56%, 38%, 62%
CMY	0.4393, 0.6156, 0.3844
CMYK	0.09, 0.38, 0.00, 0.38
HSL	286°, 23%, 50%
HSV	286°, 38%, 62%
XYZ	21.7786, 17.0093, 34.0259
YIQ	118.1810, 7.8810, 27.8890

Conversions

Conversions Part 2

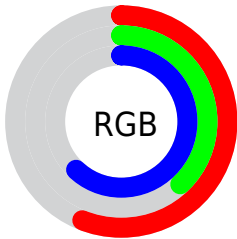
Format	Color
R_{YB}	143, 98, 157
Decimal	9396893
CIE _{Lab}	48.27, 28.93, -24.91
CIE _{LCh}	48, 38.174, 319.271
Yxy	17.0093, 0.2991, 0.2336
Android (android.graphics.Color)	4287586973 (0xFF8F629D)
YUV	118.1810, 19.1378, 21.7663
Hunter-Lab	41.2423, 22.0854, -20.0460

Details

The Yxy color **17.0093, 0.2991, 0.2336** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.4354, 0.3206, 0.4353**, and the grayscale version is **18.1138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2541, 0.3033, 0.2526**, and **5.5253, 0.2907, 0.2006** is the 20% darker color. If you saturate the color by 10%, you get **14.0275, 0.2940, 0.2081**, and if you desaturate by 10%, it is **20.5797, 0.3036, 0.2598**.

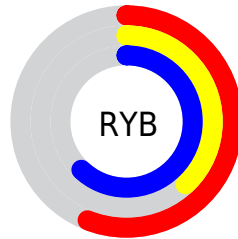
Distribution



Red (56%)

Green (38%)

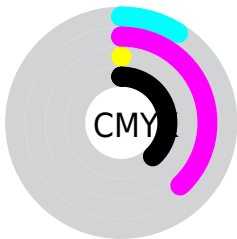
Blue (62%)



Red (56%)

Yellow (38%)

Blue (62%)

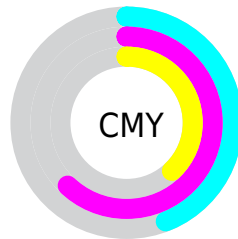


Cyan (9%)

Magenta (38%)

Yellow (0%)

Black (38%)



Cyan (44%)

Magenta (62%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0093, 0.2991, 0.2336 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 17.0093, 0.2991, 0.2336 by changing the saturation by 10% instead.


 17.0093, 0.2991,
0.2336

 17.0093, 0.2991,
0.2336


235.2260, 0.3082,
0.2854


 10.2411, 0.2958,
0.2194


 38.3418, 0.3031,
0.2534

 5.5591, 0.2908,
0.2003


 53.6748, 0.3044,
0.2605

 2.5789, 0.2825,
0.1738

 72.6317, 0.3054,
0.2665

 0.9161, 0.2673,
0.1352

 95.5967, 0.3062,
0.2714

 0.0000, 0.2409,
0.0000

122.9542, 0.3068,
0.2757

 0.0000, 0.0000,
0.0000

155.0886, 0.3074,

0.2794

192.3844, 0.3078,
0.2826

■ 17.0093, 0.2991,
0.2336

■ 17.0093, 0.2991,
0.2336

■ 14.0275, 0.2940,
0.2081

■ 20.5797, 0.3036,
0.2598

■ 11.5983, 0.2884,
0.1843

■ 24.7679, 0.3074,
0.2857

■ 9.6848, 0.2824,
0.1633


■ 29.6033, 0.3106,
0.3109

■ 8.2449, 0.2762,
0.1459


■ 35.1132, 0.3133,
0.3347


■ 7.2297, 0.2699,
0.1328


■ 41.3232, 0.3155,
0.3569

 6.5558, 0.2637,
0.1238

 48.2574, 0.3172,
0.3773

 6.4079, 0.2622,
0.1218

 55.9388, 0.3185,
0.3960

 64.3895, 0.3196,
0.4130

 73.6307, 0.3203,
0.4284

Harmonies

Analogous

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



17.0093, 0.2351, 0.2164



17.0093, 0.2991, 0.2336



17.0093, 0.3757, 0.2700

Triad

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



17.0093, 0.2991, 0.2336



17.0093, 0.4381, 0.4272



17.0093, 0.1999, 0.3195

Complementary

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



17.0093, 0.2991, 0.2336



28.4354, 0.3206, 0.4353

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.



17.0093, 0.2451, 0.3989



17.0093, 0.2991, 0.2336



17.0093, 0.3825, 0.4627

Square

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



17.0093, 0.2991, 0.2336



17.0093, 0.4609, 0.3745



17.0093, 0.3117, 0.4566



17.0093, 0.1837, 0.2564

Rectangle

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



17.0093, 0.2991, 0.2336



17.0093, 0.4209, 0.3020



17.0093, 0.3117, 0.4566



17.0093, 0.2119, 0.3456

Sweetspot

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



17.0100, 0.2991, 0.2336



49.7333, 0.3095, 0.3018



16.7866, 0.2499, 0.2468



10.7053, 0.3091, 0.2987



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



17.0100, 0.2991, 0.2336



25.9638, 0.2949, 0.2124



17.8641, 0.3361, 0.2591



6.6752, 0.3101, 0.3067



5.2230, 0.2627, 0.1221



0.1112, 0.2875, 0.1357

Inverse Universe

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



17.0739, 0.3800, 0.3061



26.1906, 0.4027, 0.3012



27.8924, 0.2957, 0.4112



6.6707, 0.3249, 0.3237



5.9366, 0.5921, 0.3036



0.1121, 0.4951, 0.2501

Previews

White Background



This preview shows how the Yxy color 17.0093, 0.2991, 0.2336 looks on a white background.

Color Contrast Check

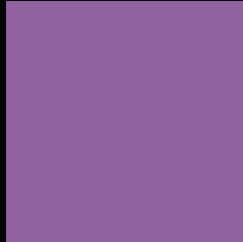
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0093, 0.2991, 0.2336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

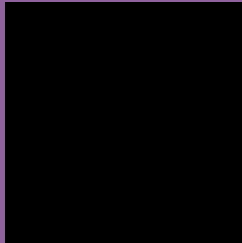
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0093, 0.2991, 0.2336

Background



This preview shows how black text looks on a background with the Yxy color 17.0093, 0.2991, 0.2336.



This preview shows how white text looks on a background with the Yxy color 17.0093, 0.2991, 0.2336.

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

17.0093, 0.2991, 0.2336

Protanopia

17.1616, 0.2387, 0.2290

Deuteranopia

17.0864, 0.2585, 0.2532



Tritanopia

17.0716, 0.3440, 0.3146

Trichromacy



Original Color

17.0093, 0.2991, 0.2336

Protanomaly

16.9524, 0.2570, 0.2297

Deuteranomaly

16.9432, 0.2718, 0.2456

Tritanomaly

17.0013, 0.3271, 0.2834

Monochromacy



Original Color

17.0093, 0.2991, 0.2336

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.5468, 0.3081, 0.2906

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0093, 0.2991, 0.2336 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(143, 98, 157)` looks like.

```
.text, #text, p{  
    color:rgb(143, 98, 157)  
}
```

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(143, 98, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 98, 157) }
```

Border

The CSS property to change the border of an element to Yxy 17.0093, 0.2991, 0.2336 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(143, 98, 157) }
```

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

```
.border{ border-color:rgb(143, 98, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 98, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 98, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 98, 157);  
box-shadow:4px 4px 4px 4px rgb(143, 98,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0093, 0.2991, 0.2336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 98, 157) }
```

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

```
.background{ background-color: rgb(143, 98,  
157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor