

Converting Colors

$Y_{xy}(17.3720, 0.2934, 0.2285)$

Have a look what the booklet for
Yxy(17.3720, 0.2934, 0.2285)
contains.

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Color

Yxy(17.3720, 0.2934, 0.2285)

Conversions

Conversions Part 1

Format	Color
Hex	8F63A2
RGB	143, 99, 162
RGB Percent	56%, 39%, 64%
CMY	0.4393, 0.6117, 0.3648
CMYK	0.12, 0.39, 0.00, 0.36
HSL	282°, 25%, 51%
HSV	282°, 39%, 64%
XYZ	22.3061, 17.3720, 36.3482
YIQ	119.3380, 6.0010, 28.9210

Conversions

Conversions Part 2

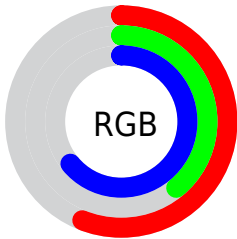
Format	Color
R_{YB}	143, 99, 162
Decimal	9397154
CIE _{Lab}	48.73, 29.42, -27.15
CIE _{LCh}	49, 40.033, 317.306
Yxy	17.3720, 0.2934, 0.2285
Android (android.graphics.Color)	4287587234 (0xFF8F63A2)
YUV	119.3380, 21.0324, 20.7516
Hunter-Lab	41.6797, 22.5899, -22.5299

Details

The Yxy color $17.3720, 0.2934, 0.2285$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $30.5861, 0.3246, 0.4385$, and the grayscale version is $18.4914, 0.3127, 0.3290$.

A 20% lighter version of the original color is $39.1487, 0.2991, 0.2497$, and $5.7176, 0.2823, 0.1942$ is the 20% darker color. If you saturate the color by 10%, you get $14.1779, 0.2866, 0.2022$, and if you desaturate by 10%, it is $21.2021, 0.2995, 0.2554$.

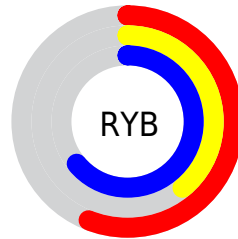
Distribution



Red (56%)

Green (39%)

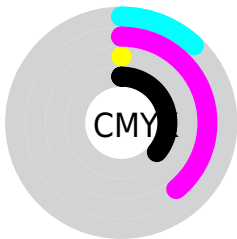
Blue (64%)



Red (56%)

Yellow (39%)

Blue (64%)

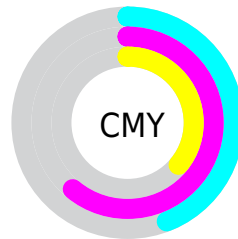


Cyan (12%)

Magenta (39%)

Yellow (0%)

Black (36%)



Cyan (44%)


Magenta (61%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3720, 0.2934, 0.2285 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 17.3720, 0.2934, 0.2285 by changing the saturation by 10% instead.


 17.3720, 0.2934,
0.2285


 17.3720, 0.2934,
0.2285


237.3071, 0.3058,
0.2826


 10.5001, 0.2891,
0.2138


 38.9643, 0.2987,
0.2491

 5.7318, 0.2828,
0.1943


 54.4534, 0.3004,
0.2565

 2.6827, 0.2727,
0.1675

 73.5837, 0.3018,
0.2627

 0.9684, 0.2549,
0.1290

 96.7397, 0.3029,
0.2680

 0.0000, 0.2284,
0.0000

124.3056, 0.3038,
0.2724

 0.0000, 0.0000,
0.0000

156.6658, 0.3046,

0.2763

194.2049, 0.3052,
0.2797

■ 17.3720, 0.2934,
0.2285

■ 17.3720, 0.2934,
0.2285

■ 14.1779, 0.2866,
0.2022

■ 21.2021, 0.2995,
0.2554

■ 11.5804, 0.2791,
0.1775

■ 25.7003, 0.3048,
0.2820

■ 9.5391, 0.2712,
0.1556


■ 30.8989, 0.3093,
0.3075


■ 8.0072, 0.2632,
0.1375


■ 36.8277, 0.3131,
0.3317

■ 6.9305, 0.2552,
0.1238

■ 43.5144, 0.3162,
0.3541


 6.2014, 0.2474,
0.1142

 50.9855, 0.3188,
0.3746

 6.1247, 0.2465,
0.1132

 59.2662, 0.3208,
0.3934

 68.3805, 0.3225,
0.4103

 78.3513, 0.3237,
0.4256

Harmonies

Analogous

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



17.3720, 0.2287, 0.2122



17.3720, 0.2934, 0.2285



17.3720, 0.3730, 0.2649

Triad

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



17.3720, 0.2934, 0.2285



17.3720, 0.4454, 0.4269



17.3720, 0.1979, 0.3240

Complementary

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



17.3720, 0.2934, 0.2285



30.5861, 0.3246, 0.4385

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.



17.3720, 0.2462, 0.4072



17.3720, 0.2934, 0.2285



17.3720, 0.3890, 0.4666

Square

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



17.3720, 0.2934, 0.2285



17.3720, 0.4667, 0.3717



17.3720, 0.3161, 0.4646



17.3720, 0.1794, 0.2567

Rectangle

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



17.3720, 0.2934, 0.2285



17.3720, 0.4213, 0.2973



17.3720, 0.3161, 0.4646



17.3720, 0.2108, 0.3516

Sweetspot

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



17.3727, 0.2934, 0.2285



52.7952, 0.3079, 0.2991



18.4447, 0.2485, 0.2510



11.5948, 0.3073, 0.2960



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.



17.3727, 0.2934, 0.2285



26.2627, 0.2873, 0.2047



18.8223, 0.3316, 0.2507



7.0944, 0.3091, 0.3065



4.8499, 0.2472, 0.1135



0.1247, 0.2753, 0.1290

Inverse Universe

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



17.9147, 0.3774, 0.2988



27.5308, 0.4005, 0.2920



29.6238, 0.2984, 0.4228



7.1195, 0.3240, 0.3222



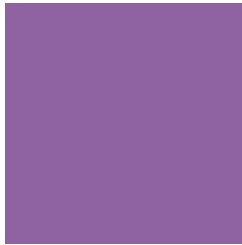
6.2324, 0.5709, 0.2919



0.1390, 0.4744, 0.2387

Previews

White Background



This preview shows how the Yxy color 17.3720, 0.2934, 0.2285 looks on a white background.

Color Contrast Check

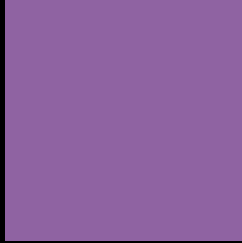
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3720, 0.2934, 0.2285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

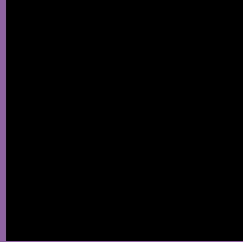
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3720, 0.2934, 0.2285

Background



This preview shows how black text looks on a background with the Yxy color 17.3720, 0.2934, 0.2285.



This preview shows how white text looks on a background with the Yxy color 17.3720, 0.2934, 0.2285.

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

17.3720, 0.2934, 0.2285

Protanopia

17.5235, 0.2345, 0.2236

Deuteranopia

17.6482, 0.2537, 0.2490



Tritanopia

17.4559, 0.3394, 0.3145

Trichromacy



Original Color

17.3720, 0.2934, 0.2285

Protanomaly

17.2843, 0.2519, 0.2244

Deuteranomaly

17.3269, 0.2671, 0.2400

Tritanomaly

17.2856, 0.3231, 0.2802

Monochromacy



Original Color

17.3720, 0.2934, 0.2285

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.9268, 0.3057, 0.2874

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3720, 0.2934, 0.2285 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, 99, 162)` looks like.

```
.text, #text, p{  
    color:rgb(143, 99, 162)  
}
```

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, 99, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 99, 162) }
```

Border

The CSS property to change the border of an element to Yxy 17.3720, 0.2934, 0.2285 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, 99, 162) }
```

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

```
.border{ border-color:rgb(143, 99, 162) }
```

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

Here you see how a box with a 4 pixel rgb(143, 99, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 99, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 99, 162);  
box-shadow:4px 4px 4px 4px rgb(143, 99,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3720, 0.2934, 0.2285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 99, 162) }
```

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

```
.background{ background-color: rgb(143, 99,  
162) }
```

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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