

Converting Colors

$Y_{xy}(17.4731, 0.3195, 0.2588)$

Have a look what the booklet for
Yxy(17.4731, 0.3195, 0.2588)
contains.

Yxy(17.4320, 0.3187, 0.2579)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.4320, 0.3187, 0.2579)

Conversions

Conversions Part 1

Format	Color
Hex	926590
RGB	146, 101, 144
RGB Percent	57%, 40%, 56%
CMY	0.4275, 0.6039, 0.4353
CMYK	0.00, 0.31, 0.01, 0.43
HSL	303°, 18%, 48%
HSV	303°, 31%, 57%
XYZ	21.5416, 17.4320, 28.6185
YIQ	119.3570, 13.0170, 22.9130

Conversions

Conversions Part 2

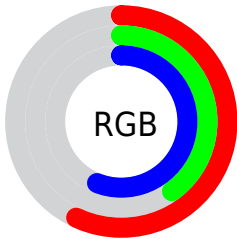
Format	Color
R _Y B	146, 101, 144
Decimal	9594256
CIE Lab	48.80, 25.54, -16.39
CIE LCh	49, 30.345, 327.310
Yxy	17.4320, 0.3187, 0.2579
Android (android.graphics.Color)	4287784336 (0xFF926590)
YUV	119.3570, 12.1490, 23.3659
Hunter-Lab	41.7516, 19.0310, -11.4139

Details

The Yxy color **17.4320, 0.3187, 0.2579** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.3024, 0.3069, 0.4122**, and the grayscale version is **18.5250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2772, 0.3182, 0.2736**, and **5.7873, 0.3194, 0.2307** is the 20% darker color. If you saturate the color by 10%, you get **14.8253, 0.3209, 0.2355**, and if you desaturate by 10%, it is **20.5440, 0.3166, 0.2811**.

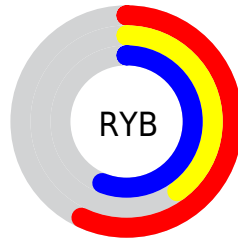
Distribution



Red (57%)

Green (40%)

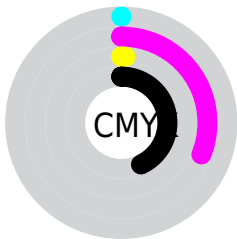
Blue (56%)



Red (57%)

Yellow (40%)

Blue (56%)

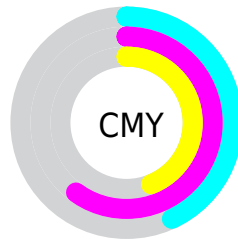


Cyan (0%)

Magenta (31%)

Yellow (1%)

Black (43%)



Cyan (43%)


Magenta (60%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4320, 0.3187, 0.2579 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 17.4320, 0.3187, 0.2579 by changing the saturation by 10% instead.


 17.4320, 0.3187,
0.2579


 17.4320, 0.3187,
0.2579

237.6497, 0.3161,
0.2971

 10.5430, 0.3191,
0.2467

 39.0671, 0.3179,
0.2731


 5.7604, 0.3194,
0.2315


 54.5819, 0.3175,
0.2785

 2.7000, 0.3193,
0.2096

 73.7407, 0.3172,
0.2830

 0.9772, 0.3177,
0.1758

 96.9281, 0.3169,
0.2867

 0.0000, 0.3317,
0.0000

124.5282, 0.3167,
0.2899

 0.0000, 0.0000,
0.0000

156.9256, 0.3165,

0.2926

194.5047, 0.3163,
0.2950

■ 17.4320, 0.3187,
0.2579

■ 17.4320, 0.3187,
0.2579

■ 14.8253, 0.3209,
0.2355

■ 20.5440, 0.3166,
0.2811

■ 12.6949, 0.3230,
0.2148

■ 24.1837, 0.3147,
0.3044

■ 11.0125, 0.3252,
0.1966


■ 28.3749, 0.3129,
0.3272


■ 9.7458, 0.3272,
0.1818


■ 33.1393, 0.3112,
0.3490

■ 8.8582, 0.3291,
0.1709

■ 38.4975, 0.3097,
0.3695

 8.3066, 0.3307,
0.1640

 44.4689, 0.3084,
0.3885

 7.9908, 0.3321,
0.1603

 51.0723, 0.3073,
0.4061

 58.3254, 0.3062,
0.4221

 66.2454, 0.3053,
0.4368

Harmonies

Analogous

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



17.4320, 0.2630, 0.2391



17.4320, 0.3187, 0.2579



17.4320, 0.3779, 0.2919

Triad

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



17.4320, 0.3187, 0.2579



17.4320, 0.4044, 0.4190



17.4320, 0.2157, 0.3077

Complementary

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



17.4320, 0.3187, 0.2579



24.3024, 0.3069, 0.4122

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.



17.4320, 0.2475, 0.3675



17.4320, 0.3187, 0.2579



17.4320, 0.3559, 0.4365

Square

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



17.4320, 0.3187, 0.2579



17.4320, 0.4292, 0.3806



17.4320, 0.2983, 0.4185



17.4320, 0.2080, 0.2623

Rectangle

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



17.4320, 0.3187, 0.2579



17.4320, 0.4091, 0.3201



17.4320, 0.2983, 0.4185



17.4320, 0.2237, 0.3269

Sweetspot

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



17.4328, 0.3187, 0.2579



43.8066, 0.3144, 0.3082



14.2378, 0.2618, 0.2424



9.5407, 0.3146, 0.3052



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



17.4328, 0.3187, 0.2579



27.4748, 0.3202, 0.2422



16.8240, 0.3485, 0.2929



5.9048, 0.3144, 0.3081



7.0333, 0.3320, 0.1603



0.0872, 0.3260, 0.1569

Inverse Universe

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



17.4328, 0.3187, 0.2579



27.4748, 0.3202, 0.2422



24.8040, 0.2874, 0.3684



5.9048, 0.3144, 0.3081



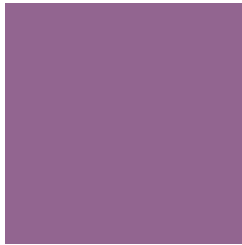
7.0333, 0.3320, 0.1603



0.0872, 0.3260, 0.1569

Previews

White Background



This preview shows how the Yxy color 17.4320, 0.3187, 0.2579 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 17.4320, 0.3187, 0.2579 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 17.4320, 0.3187, 0.2579

Background



This preview shows how black text looks on a background with the Yxy color 17.4320, 0.3187, 0.2579.



This preview shows how white text looks on a background with the Yxy color 17.4320, 0.3187, 0.2579.

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

17.4320, 0.3187, 0.2579

Protanopia

17.5978, 0.2600, 0.2572

Deuteranopia

17.6325, 0.2823, 0.2770



Tritanopia

17.5040, 0.3510, 0.3149

Trichromacy



Original Color

17.4320, 0.3187, 0.2579

Protanomaly

17.3469, 0.2794, 0.2574

Deuteranomaly

17.3561, 0.2940, 0.2682

Tritanomaly

17.4491, 0.3378, 0.2926

Monochromacy



Original Color

17.4320, 0.3187, 0.2579

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.8140, 0.3154, 0.2997

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4320, 0.3187, 0.2579 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(146, 101, 144)` looks like.

```
.text, #text, p{  
    color:rgb(146, 101, 144)  
}
```

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(146, 101, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 101, 144) }
```

Border

The CSS property to change the border of an element to Yxy 17.4320, 0.3187, 0.2579 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(146, 101, 144) }
```

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

```
.border{ border-color:rgb(146, 101, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 101, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 101, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 101, 144);  
box-shadow:4px 4px 4px 4px rgb(146, 101,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4320, 0.3187, 0.2579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 101, 144) }
```

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

```
.background{ background-color: rgb(146,  
101, 144) }
```

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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