

Converting Colors

$Y_{xy}(17.4620, 0.3297, 0.2845)$

Have a look what the booklet for
Yxy(17.4620, 0.3297, 0.2845)
contains.

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Color

Yxy(17.4926, 0.3297, 0.2841)

Conversions

Conversions Part 1

Format	Color
Hex	8E6983
RGB	142, 105, 131
RGB Percent	56%, 41%, 51%
CMY	0.4432, 0.5882, 0.4863
CMYK	0.00, 0.26, 0.08, 0.44
HSL	318°, 15%, 48%
HSV	318°, 26%, 56%
XYZ	20.3003, 17.4926, 23.7791
YIQ	119.0270, 13.7060, 15.9300

Conversions

Conversions Part 2

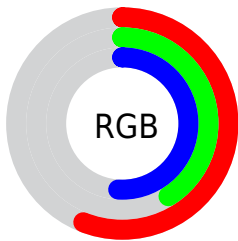
Format	Color
R_{YB}	142, 105, 131
Decimal	9333123
CIE _{Lab}	48.87, 19.24, -8.59
CIE _{LCh}	49, 21.073, 335.949
Yxy	17.4926, 0.3297, 0.2841
Android (android.graphics.Color)	4287523203 (0xFF8E6983)
YUV	119.0270, 5.9027, 20.1473
Hunter-Lab	41.8242, 13.4467, -4.4324

Details

The Yxy color **17.4926, 0.3297, 0.2841** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.6033, 0.2991, 0.3786**, and the grayscale version is **18.4345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3104, 0.3258, 0.2946**, and **5.7596, 0.3354, 0.2646** is the 20% darker color. If you saturate the color by 10%, you get **14.7262, 0.3381, 0.2664**, and if you desaturate by 10%, it is **20.7481, 0.3224, 0.3018**.

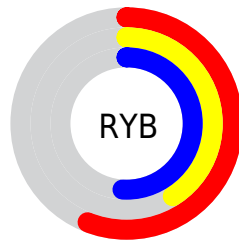
Distribution



Red (56%)

Green (41%)

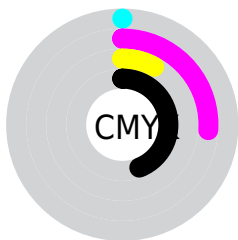
Blue (51%)



Red (56%)

Yellow (41%)

Blue (51%)

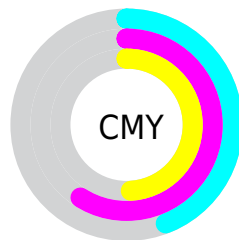


Cyan (0%)

Magenta (26%)

Yellow (8%)

Black (44%)



Cyan (44%)


Magenta (59%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4926, 0.3297, 0.2841 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 17.4926, 0.3297, 0.2841 by changing the saturation by 10% instead.


 17.4926, 0.3297,
0.2841


 17.4926, 0.3297,
0.2841


237.9953, 0.3202,
0.3094


 10.5863, 0.3325,
0.2766


 39.1708, 0.3260,
0.2941


 5.7894, 0.3363,
0.2662


 54.7115, 0.3247,
0.2976

 2.7175, 0.3420,
0.2507

 73.8992, 0.3236,
0.3004

 0.9861, 0.3511,
0.2251

 97.1182, 0.3227,
0.3028

 0.0000, 0.4305,
0.0000

124.7529, 0.3219,
0.3048

 0.0000, 0.0000,
0.0000

157.1877, 0.3213,

0.3066

194.8071, 0.3207,
0.3081

■ 17.4926, 0.3297,
0.2841

■ 17.4926, 0.3297,
0.2841

■ 14.7262, 0.3381,
0.2664

■ 20.7481, 0.3224,
0.3018

■ 12.4225, 0.3477,
0.2493

■ 24.5127, 0.3161,
0.3190

■ 10.5563, 0.3583,
0.2337

■ 28.8081, 0.3107,
0.3354

■ 9.0989, 0.3698,
0.2205

■ 33.6541, 0.3062,
0.3508

■ 8.0183, 0.3818,
0.2107

■ 39.0695, 0.3024,
0.3652

7.2774, 0.3941,
0.2051

45.0722, 0.2992,
0.3784

6.8201, 0.4062,
0.2039

51.6791, 0.2965,
0.3906

6.6651, 0.4111,
0.2038

58.9068, 0.2943,
0.4018

66.7709, 0.2924,
0.4120

Harmonies

Analogous

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



17.4926, 0.2887, 0.2667



17.4926, 0.3297, 0.2841



17.4926, 0.3681, 0.3118

Triad

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



17.4926, 0.3297, 0.2841



17.4926, 0.3695, 0.3980



17.4926, 0.2400, 0.3050

Complementary

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



17.4926, 0.3297, 0.2841



23.6033, 0.2991, 0.3786

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.



17.4926, 0.2589, 0.3441



17.4926, 0.3297, 0.2841



17.4926, 0.3329, 0.4012

Square

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



17.4926, 0.3297, 0.2841



17.4926, 0.3914, 0.3761



17.4926, 0.2924, 0.3811



17.4926, 0.2392, 0.2764

Rectangle

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



17.4926, 0.3297, 0.2841



17.4926, 0.3859, 0.3335



17.4926, 0.2924, 0.3811



17.4926, 0.2444, 0.3174

Sweetspot

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



17.4934, 0.3297, 0.2841



41.7486, 0.3173, 0.3154



15.7363, 0.2820, 0.2600



9.1161, 0.3181, 0.3131



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



17.4934, 0.3297, 0.2841



28.0172, 0.3343, 0.2741



17.0474, 0.3544, 0.3149



5.4841, 0.3179, 0.3137



5.9900, 0.4106, 0.2036



0.0612, 0.3619, 0.1767

Inverse Universe

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



17.4934, 0.3297, 0.2841



28.0172, 0.3343, 0.2741



24.0629, 0.2828, 0.3437



5.4841, 0.3179, 0.3137



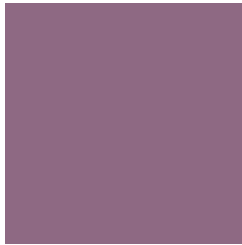
5.9900, 0.4106, 0.2036



0.0612, 0.3619, 0.1767

Previews

White Background



This preview shows how the Yxy color 17.4926, 0.3297, 0.2841 looks on a white background.

Color Contrast Check

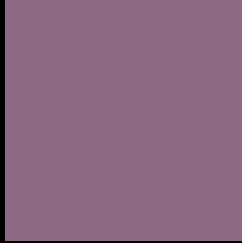
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4926, 0.3297, 0.2841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

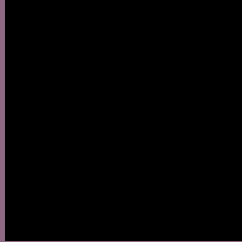
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.4926, 0.3297, 0.2841

Background



This preview shows how black text looks on a background with the Yxy color 17.4926, 0.3297, 0.2841.



This preview shows how white text looks on a background with the Yxy color 17.4926, 0.3297, 0.2841.

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

17.4926, 0.3297, 0.2841

Protanopia

17.5412, 0.2831, 0.2854

Deuteranopia

17.5328, 0.3052, 0.2990



Tritanopia

17.5615, 0.3465, 0.3148

Trichromacy



Original Color

17.4926, 0.3297, 0.2841

Protanomaly

17.3291, 0.2995, 0.2847

Deuteranomaly

17.4307, 0.3131, 0.2925

Tritanomaly

17.5586, 0.3414, 0.3043

Monochromacy



Original Color

17.4926, 0.3297, 0.2841

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.9767, 0.3187, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4926, 0.3297, 0.2841 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(142, 105, 131)` looks like.

```
.text, #text, p{  
    color:rgb(142, 105, 131)  
}
```

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(142, 105, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 105, 131) }
```

Border

The CSS property to change the border of an element to Yxy 17.4926, 0.3297, 0.2841 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(142, 105, 131) }
```

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

```
.border{ border-color:rgb(142, 105, 131) }
```

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

Here you see how a box with a 4 pixel rgb(142, 105, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 105, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 105, 131);  
box-shadow:4px 4px 4px 4px rgb(142, 105,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4926, 0.3297, 0.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 105, 131) }
```

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

```
.background{ background-color: rgb(142,  
105, 131) }
```

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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