

Converting Colors

$Y_{xy}(17.3896, 0.3281, 0.2835)$

Have a look what the booklet for
Yxy(17.3896, 0.3281, 0.2835)
contains.

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Color

Yxy(17.4046, 0.3284, 0.2839)

Conversions

Conversions Part 1

Format	Color
Hex	8D6983
RGB	141, 105, 131
RGB Percent	55%, 41%, 51%
CMY	0.4470, 0.5882, 0.4863
CMYK	0.00, 0.26, 0.07, 0.45
HSL	317°, 15%, 48%
HSV	317°, 26%, 55%
XYZ	20.1327, 17.4046, 23.7681
YIQ	118.7280, 13.1100, 15.7180

Conversions

Conversions Part 2

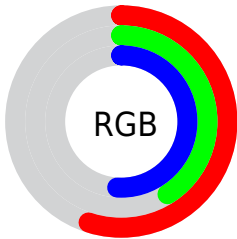
Format	Color
R_{YB}	141, 105, 131
Decimal	9267587
CIE Lab	48.77, 18.89, -8.76
CIE LCh	49, 20.820, 335.126
Yxy	17.4046, 0.3284, 0.2839
Android (android.graphics.Color)	4287457667 (0xFF8D6983)
YUV	118.7280, 6.0501, 19.5325
Hunter-Lab	41.7188, 13.1327, -4.5756

Details

The Yxy color **17.4046, 0.3284, 0.2839** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.2923, 0.3000, 0.3788**, and the grayscale version is **18.3353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1767, 0.3249, 0.2945**, and **5.7091, 0.3332, 0.2641** is the 20% darker color. If you saturate the color by 10%, you get **14.6628, 0.3363, 0.2658**, and if you desaturate by 10%, it is **20.6282, 0.3215, 0.3020**.

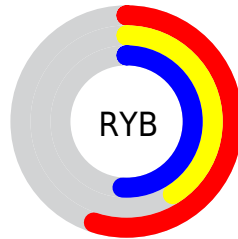
Distribution



Red (55%)

Green (41%)

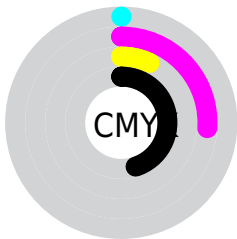
Blue (51%)



Red (55%)

Yellow (41%)

Blue (51%)

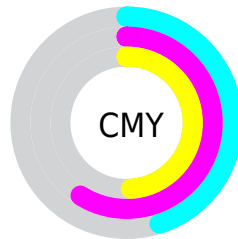


Cyan (0%)

Magenta (26%)

Yellow (7%)

Black (45%)



Cyan (45%)


Magenta (59%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.4046, 0.3284, 0.2839 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 17.4046, 0.3284, 0.2839 by changing the saturation by 10% instead.

 17.4046, 0.3284,
0.2839


 17.4046, 0.3284,
0.2839


237.4933, 0.3197,
0.3093


 10.5234, 0.3309,
0.2764


 39.0201, 0.3250,
0.2939


 5.7473, 0.3344,
0.2659


 54.5232, 0.3238,
0.2974

 2.6921, 0.3396,
0.2502

 73.6691, 0.3228,
0.3003

 0.9732, 0.3478,
0.2245

 96.8420, 0.3220,
0.3027

 0.0000, 0.4168,
0.0000

124.4266, 0.3213,
0.3047

 0.0000, 0.0000,
0.0000

156.8070, 0.3206,

0.3065

194.3678, 0.3201,
0.3080

■ 17.4046, 0.3284,
0.2839

■ 17.4046, 0.3284,
0.2839

■ 14.6628, 0.3363,
0.2658

■ 20.6282, 0.3215,
0.3020

■ 12.3771, 0.3452,
0.2483

■ 24.3533, 0.3156,
0.3196

■ 10.5226, 0.3550,
0.2322

■ 28.6011, 0.3106,
0.3364

■ 9.0714, 0.3656,
0.2185

■ 33.3909, 0.3063,
0.3522

■ 7.9922, 0.3768,
0.2082

■ 38.7413, 0.3027,
0.3668

7.2490, 0.3880,
0.2021

44.6697, 0.2997,
0.3804

6.7900, 0.3992,
0.2003

51.1928, 0.2971,
0.3929

6.6182, 0.4043,
0.2001

58.3268, 0.2950,
0.4043

66.0871, 0.2933,
0.4148

Harmonies

Analogous

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



17.4046, 0.2879, 0.2670



17.4046, 0.3284, 0.2839



17.4046, 0.3667, 0.3112

Triad

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



17.4046, 0.3284, 0.2839



17.4046, 0.3698, 0.3969



17.4046, 0.2410, 0.3063

Complementary

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



17.4046, 0.3284, 0.2839



23.2923, 0.3000, 0.3788

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.



17.4046, 0.2602, 0.3450



17.4046, 0.3284, 0.2839



17.4046, 0.3338, 0.4006

Square

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



17.4046, 0.3284, 0.2839



17.4046, 0.3909, 0.3749



17.4046, 0.2937, 0.3813



17.4046, 0.2397, 0.2775

Rectangle

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



17.4046, 0.3284, 0.2839



17.4046, 0.3846, 0.3326



17.4046, 0.2937, 0.3813



17.4046, 0.2455, 0.3186

Sweetspot

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



17.4054, 0.3284, 0.2839



41.7598, 0.3171, 0.3150



15.6451, 0.2820, 0.2614



9.1190, 0.3179, 0.3126



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.



17.4054, 0.3284, 0.2839



28.0569, 0.3331, 0.2727



16.9683, 0.3525, 0.3141



5.4858, 0.3177, 0.3132



6.0370, 0.4039, 0.1999



0.0615, 0.3587, 0.1750

Inverse Universe

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



17.4054, 0.3284, 0.2839



28.0569, 0.3331, 0.2727



23.7367, 0.2839, 0.3445



5.4858, 0.3177, 0.3132



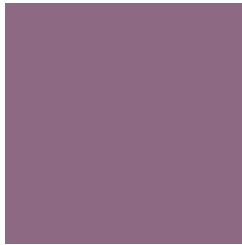
6.0370, 0.4039, 0.1999



0.0615, 0.3587, 0.1750

Previews

White Background



This preview shows how the Yxy color 17.4046, 0.3284, 0.2839 looks on a white background.

Color Contrast Check

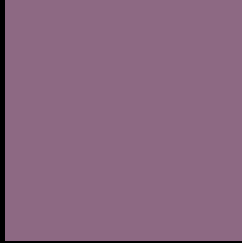
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4046, 0.3284, 0.2839 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 17.4046, 0.3284, 0.2839

Background



This preview shows how black text looks on a background with the Yxy color 17.4046, 0.3284, 0.2839.



This preview shows how white text looks on a background with the Yxy color 17.4046, 0.3284, 0.2839.

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

17.4046, 0.3284, 0.2839

Protanopia

17.5412, 0.2831, 0.2854

Deuteranopia

17.4602, 0.3039, 0.2989



Tritanopia

17.4750, 0.3451, 0.3147

Trichromacy



Original Color

17.4046, 0.3284, 0.2839

Protanomaly

17.3291, 0.2995, 0.2847

Deuteranomaly

17.3528, 0.3118, 0.2924

Tritanomaly

17.4713, 0.3400, 0.3042

Monochromacy



Original Color

17.4046, 0.3284, 0.2839

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 17.4046, 0.3284, 0.2839 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(141, 105, 131)` looks like.

```
.text, #text, p{  
    color:rgb(141, 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(141, 105, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 105, 131) }
```

Border

The CSS property to change the border of an element to Yxy 17.4046, 0.3284, 0.2839 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(141, 105, 131) }
```

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

```
.border{ border-color:rgb(141, 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(141, 105, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 105, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 105, 131);  
box-shadow:4px 4px 4px 4px rgb(141, 105,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4046, 0.3284, 0.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 105, 131) }
```

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

```
.background{ background-color: rgb(141,  
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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