

Converting Colors

$Y_{xy}(17.6848, 0.3292, 0.2651)$

Have a look what the booklet for
Yxy(17.6848, 0.3292, 0.2651)
contains.

Yxy(17.6848, 0.3292, 0.2651)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.6848, 0.3292, 0.2651)

Conversions

Conversions Part 1

Format	Color
Hex	96658C
RGB	150, 101, 140
RGB Percent	59%, 40%, 55%
CMY	0.4119, 0.6039, 0.4510
CMYK	0.00, 0.33, 0.07, 0.41
HSL	312°, 20%, 49%
HSV	312°, 33%, 59%
XYZ	21.9609, 17.6848, 27.0642
YIQ	120.0970, 16.6850, 22.5170

Conversions

Conversions Part 2

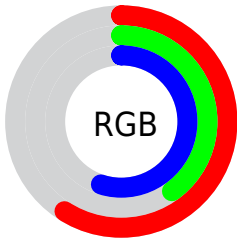
Format	Color
R_{YB}	150, 101, 140
Decimal	9856396
CIE _{Lab}	49.11, 26.16, -13.49
CIE _{LCh}	49, 29.433, 332.723
Yxy	17.6848, 0.3292, 0.2651
Android (android.graphics.Color)	4288046476 (0xFF96658C)
YUV	120.0970, 9.8122, 26.2249
Hunter-Lab	42.0533, 19.6223, -8.7199

Details

The Yxy color **17.6848, 0.3292, 0.2651** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.7198, 0.2997, 0.4028**, and the grayscale version is **18.7793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.6566, 0.3256, 0.2788**, and **5.8811, 0.3340, 0.2409** is the 20% darker color. If you saturate the color by 10%, you get **14.9447, 0.3357, 0.2458**, and if you desaturate by 10%, it is **20.9605, 0.3234, 0.2850**.

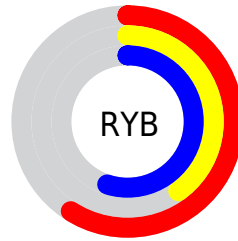
Distribution



Red (59%)

Green (40%)

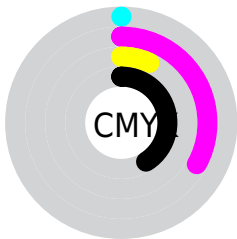
Blue (55%)



Red (59%)

Yellow (40%)

Blue (55%)

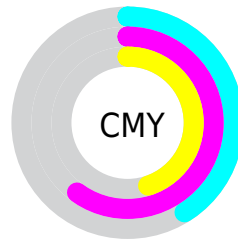


Cyan (0%)

Magenta (33%)

Yellow (7%)

Black (41%)



Cyan (41%)


Magenta (60%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.6848, 0.3292, 0.2651 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 17.6848, 0.3292, 0.2651 by changing the saturation by 10% instead.


 17.6848, 0.3292,
0.2651


 17.6848, 0.3292,
0.2651


239.0884, 0.3204,
0.3004


 10.7239, 0.3316,
0.2550


 39.4995, 0.3259,
0.2788


 5.8815, 0.3347,
0.2411


 55.1221, 0.3247,
0.2837

 2.7732, 0.3389,
0.2210

 74.4008, 0.3237,
0.2877

 1.0145, 0.3449,
0.1895

 97.7198, 0.3228,
0.2911

 0.0000, 0.3947,
0.0000

125.4637, 0.3221,
0.2940

 0.0000, 0.0000,
0.0000

158.0169, 0.3214,

0.2964

195.7636, 0.3209,
0.2986

■ 17.6848, 0.3292,
0.2651

■ 17.6848, 0.3292,
0.2651

■ 14.9447, 0.3357,
0.2458

■ 20.9605, 0.3234,
0.2850

■ 12.7088, 0.3428,
0.2278

■ 24.7962, 0.3182,
0.3048

■ 10.9462, 0.3503,
0.2122

■ 29.2176, 0.3138,
0.3241

■ 9.6217, 0.3581,
0.1998

■ 34.2481, 0.3100,
0.3424

■ 8.6949, 0.3660,
0.1914

■ 39.9101, 0.3067,
0.3596

■ 8.1181, 0.3736,
0.1874

■ 46.2243, 0.3039,
0.3756

■ 7.8231, 0.3792,
0.1863

■ 53.2111, 0.3016,
0.3903

■ 60.8896, 0.2996,
0.4039

■ 69.2781, 0.2980,
0.4163

Harmonies

Analogous

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



17.6848, 0.2734, 0.2438



17.6848, 0.3292, 0.2651



17.6848, 0.3848, 0.3003

Triad

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



17.6848, 0.3292, 0.2651



17.6848, 0.3944, 0.4212



17.6848, 0.2156, 0.2993

Complementary

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



17.6848, 0.3292, 0.2651



25.7198, 0.2997, 0.4028

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.



17.6848, 0.2425, 0.3556



17.6848, 0.3292, 0.2651



17.6848, 0.3449, 0.4323

Square

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



17.6848, 0.3292, 0.2651



17.6848, 0.4232, 0.3868



17.6848, 0.2892, 0.4081



17.6848, 0.2124, 0.2590

Rectangle

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



17.6848, 0.3292, 0.2651



17.6848, 0.4119, 0.3285



17.6848, 0.2892, 0.4081



17.6848, 0.2220, 0.3170

Sweetspot

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



17.6856, 0.3292, 0.2651



45.5886, 0.3171, 0.3096



14.8790, 0.2674, 0.2384



9.8935, 0.3177, 0.3071



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



17.6856, 0.3292, 0.2651



27.6813, 0.3338, 0.2512



17.0464, 0.3632, 0.3041



5.8891, 0.3166, 0.3116



6.4954, 0.3787, 0.1860



0.0836, 0.3471, 0.1686

Inverse Universe

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



17.6856, 0.3292, 0.2651



27.6813, 0.3338, 0.2512



26.3295, 0.2792, 0.3557



5.8891, 0.3166, 0.3116



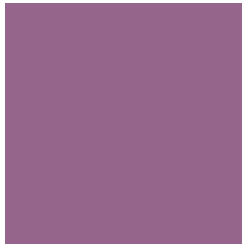
6.4954, 0.3787, 0.1860



0.0836, 0.3471, 0.1686

Previews

White Background



This preview shows how the Yxy color 17.6848, 0.3292, 0.2651 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 17.6848, 0.3292, 0.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

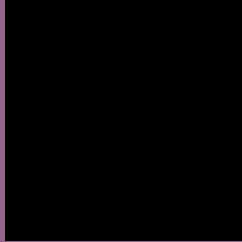
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.6848, 0.3292, 0.2651

Background



This preview shows how black text looks on a background with the Yxy color 17.6848, 0.3292, 0.2651.



This preview shows how white text looks on a background with the Yxy color 17.6848, 0.3292, 0.2651.

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

17.6848, 0.3292, 0.2651

Protanopia

17.8809, 0.2670, 0.2662

Deuteranopia

17.7212, 0.2901, 0.2844



Tritanopia

17.7260, 0.3597, 0.3153

Trichromacy



Original Color

17.6848, 0.3292, 0.2651

Protanomaly

17.6552, 0.2872, 0.2663

Deuteranomaly

17.5472, 0.3036, 0.2756

Tritanomaly

17.6266, 0.3491, 0.2967

Monochromacy



Original Color

17.6848, 0.3292, 0.2651

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.1679, 0.3191, 0.3036

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6848, 0.3292, 0.2651 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(150, 101, 140)` looks like.

```
.text, #text, p{  
    color:rgb(150, 101, 140)  
}
```

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(150, 101, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 101, 140) }
```

Border

The CSS property to change the border of an element to Yxy 17.6848, 0.3292, 0.2651 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(150, 101, 140) }
```

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

```
.border{ border-color:rgb(150, 101, 140) }
```

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

Here you see how a box with a 4 pixel rgb(150, 101, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 101, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 101, 140);  
box-shadow:4px 4px 4px 4px rgb(150, 101,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6848, 0.3292, 0.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 101, 140) }
```

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

```
.background{ background-color: rgb(150,  
101, 140) }
```

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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