

Converting Colors

$Y_{xy}(17.5584, 0.2901, 0.2331)$

Have a look what the booklet for
Yxy(17.5584, 0.2901, 0.2331)
contains.

Yxy(17.5649, 0.2897, 0.2331)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.5649, 0.2897, 0.2331)

Conversions

Conversions Part 1

Format	Color
Hex	8B66A1
RGB	139, 102, 161
RGB Percent	55%, 40%, 63%
CMY	0.4550, 0.6000, 0.3686
CMYK	0.14, 0.37, 0.00, 0.37
HSL	278°, 24%, 52%
HSV	278°, 37%, 63%
XYZ	21.8299, 17.5649, 35.9587
YIQ	119.7890, 3.1130, 26.1930

Conversions

Conversions Part 2

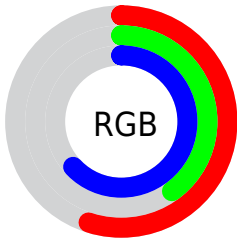
Format	Color
RYB	139, 102, 161
Decimal	9135777
CIELab	48.96, 26.18, -26.24
CIElCh	49, 37.067, 314.943
Yxy	17.5649, 0.2897, 0.2331
Android (android.graphics.Color)	4287325857 (0xFF8B66A1)
YUV	119.7890, 20.3170, 16.8480
Hunter-Lab	41.9105, 19.6319, -21.5327

Details

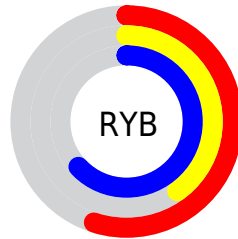
The Yxy color **17.5649, 0.2897, 0.2331** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **30.7370, 0.3283, 0.4301**, and the grayscale version is **18.6450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4065, 0.2955, 0.2534**, and **5.8172, 0.2786, 0.2000** is the 20% darker color. If you saturate the color by 10%, you get **14.1990, 0.2813, 0.2056**, and if you desaturate by 10%, it is **21.5753, 0.2972, 0.2607**.

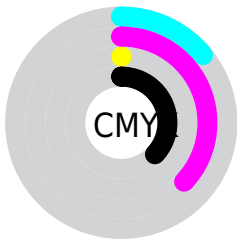
Distribution



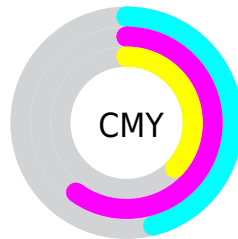
- Red (55%)
- Green (40%)
- Blue (63%)



- Red (55%)
- Yellow (40%)
- Blue (63%)



- Cyan (14%)
- Magenta (37%)
- Yellow (0%)
- Black (37%)




- Cyan (46%)
- Magenta (60%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5649, 0.2897, 0.2331 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 17.5649, 0.2897, 0.2331 by changing the saturation by 10% instead.


 17.5649, 0.2897,
0.2331


 17.5649, 0.2897,
0.2331


238.4070, 0.3040,
0.2850


 10.6381, 0.2849,
0.2189


 39.2945, 0.2957,
0.2529


 5.8240, 0.2780,
0.2000


 54.8661, 0.2977,
0.2601

 2.7384, 0.2670,
0.1737

 74.0880, 0.2993,
0.2660

 0.9967, 0.2480,
0.1357

 97.3447, 0.3006,
0.2710

 0.0000, 0.2166,
0.0000

125.0206, 0.3017,
0.2753

 0.0000, 0.0000,
0.0000

157.5000, 0.3026,

0.2789

195.1673, 0.3033,
0.2822

■ 17.5649, 0.2897,
0.2331

■ 17.5649, 0.2897,
0.2331

■ 14.1990, 0.2813,
0.2056

■ 21.5753, 0.2972,
0.2607

■ 11.4393, 0.2720,
0.1793

■ 26.2612, 0.3038,
0.2875

■ 9.2466, 0.2623,
0.1553


■ 31.6545, 0.3095,
0.3130


■ 7.5760, 0.2523,
0.1348


■ 37.7840, 0.3142,
0.3368

■ 6.3759, 0.2425,
0.1188


■ 44.6771, 0.3182,
0.3587


 5.5702, 0.2331,
0.1075

 52.3598, 0.3214,
0.3786

 5.3350, 0.2300,
0.1041

 60.8567, 0.3241,
0.3966

 70.1915, 0.3263,
0.4129

 80.3868, 0.3280,
0.4275

Harmonies

Analogous

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



17.5649, 0.2308, 0.2196



17.5649, 0.2897, 0.2331



17.5649, 0.3628, 0.2661

Triad

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



17.5649, 0.2897, 0.2331



17.5649, 0.4392, 0.4175



17.5649, 0.2086, 0.3309

Complementary

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



17.5649, 0.2897, 0.2331



30.7370, 0.3283, 0.4301

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.



17.5649, 0.2561, 0.4062



17.5649, 0.2897, 0.2331



17.5649, 0.3894, 0.4547

Square

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



17.5649, 0.2897, 0.2331



17.5649, 0.4549, 0.3659



17.5649, 0.3223, 0.4552



17.5649, 0.1886, 0.2665

Rectangle

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



17.5649, 0.2897, 0.2331



17.5649, 0.4082, 0.2962



17.5649, 0.3223, 0.4552



17.5649, 0.2216, 0.3563

Sweetspot

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



17.5656, 0.2897, 0.2331



52.1184, 0.3070, 0.3016



19.9707, 0.2535, 0.2637



11.1654, 0.3063, 0.2984



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



17.5656, 0.2897, 0.2331



26.4399, 0.2828, 0.2105



19.4190, 0.3253, 0.2498



7.0695, 0.3081, 0.3064



4.2845, 0.2308, 0.1045



0.1156, 0.2646, 0.1231

Inverse Universe

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



18.5379, 0.3661, 0.2939



28.5633, 0.3838, 0.2861



29.4176, 0.3023, 0.4238



7.1277, 0.3229, 0.3206



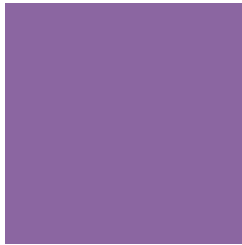
6.3203, 0.5439, 0.2770



0.1418, 0.4504, 0.2255

Previews

White Background



This preview shows how the Yxy color 17.5649, 0.2897, 0.2331 looks on a white background.

Color Contrast Check

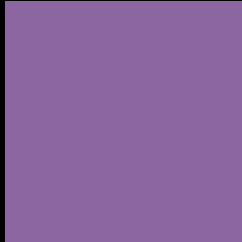
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5649, 0.2897, 0.2331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

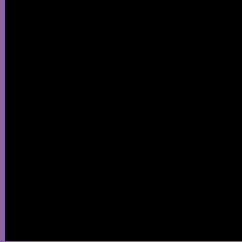
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5649, 0.2897, 0.2331

Background



This preview shows how black text looks on a background with the Yxy color 17.5649, 0.2897, 0.2331.



This preview shows how white text looks on a background with the Yxy color 17.5649, 0.2897, 0.2331.

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

17.5649, 0.2897, 0.2331

Protanopia

17.7984, 0.2396, 0.2302

Deuteranopia

17.6731, 0.2555, 0.2507



Tritanopia

17.6063, 0.3308, 0.3143

Trichromacy



Original Color

17.5649, 0.2897, 0.2331

Protanomaly

17.4526, 0.2557, 0.2305

Deuteranomaly

17.4370, 0.2671, 0.2430

Tritanomaly

17.5973, 0.3162, 0.2831

Monochromacy



Original Color

17.5649, 0.2897, 0.2331

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.0716, 0.3044, 0.2891

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5649, 0.2897, 0.2331 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(139, 102, 161)` looks like.

```
.text, #text, p{  
    color:rgb(139, 102, 161)  
}
```

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(139, 102, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 102, 161) }
```

Border

The CSS property to change the border of an element to Yxy 17.5649, 0.2897, 0.2331 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(139, 102, 161) }
```

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

```
.border{ border-color:rgb(139, 102, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 102, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 102, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 102, 161); box-shadow:4px 4px 4px 4px rgb(139, 102, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5649, 0.2897, 0.2331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 102, 161) }
```

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

```
.background{ background-color: rgb(139,  
102, 161) }
```

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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