

Converting Colors

$Y_{xy}(17.6210, 0.3051, 0.2337)$

Have a look what the booklet for
Yxy(17.6210, 0.3051, 0.2337)
contains.

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Color

Yxy(17.6281, 0.3043, 0.2331)

Conversions

Conversions Part 1

Format	Color
Hex	95629F
RGB	149, 98, 159
RGB Percent	58%, 38%, 62%
CMY	0.4159, 0.6156, 0.3765
CMYK	0.06, 0.38, 0.00, 0.38
HSL	290°, 24%, 50%
HSV	290°, 38%, 62%
XYZ	23.0126, 17.6281, 34.9840
YIQ	120.2030, 10.8150, 29.7830

Conversions

Conversions Part 2

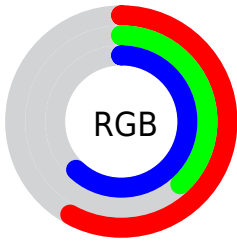
Format	Color
R _Y B	149, 98, 159
Decimal	9790111
CIE Lab	49.04, 31.28, -24.84
CIE LCh	49, 39.946, 321.546
Yxy	17.6281, 0.3043, 0.2331
Android (android.graphics.Color)	4287980191 (0xFF95629F)
YUV	120.2030, 19.1269, 25.2550
Hunter-Lab	41.9858, 24.3612, -20.0123

Details

The Yxy color **17.6281, 0.3043, 0.2331** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.8660, 0.3165, 0.4394**, and the grayscale version is **18.7862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.5051, 0.3070, 0.2530**, and **5.8841, 0.2988, 0.2016** is the 20% darker color. If you saturate the color by 10%, you get **14.6990, 0.3011, 0.2088**, and if you desaturate by 10%, it is **21.1552, 0.3071, 0.2585**.

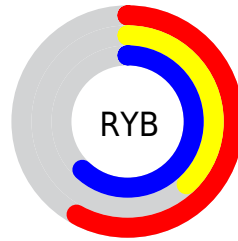
Distribution



Red (58%)

Green (38%)

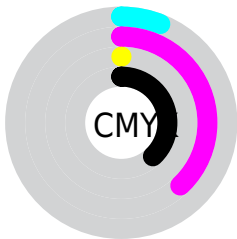
Blue (62%)



Red (58%)

Yellow (38%)

Blue (62%)

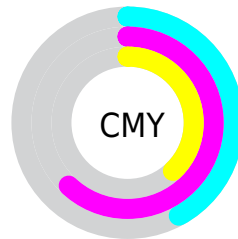


Cyan (6%)

Magenta (38%)

Yellow (0%)

Black (38%)



Cyan (42%)


Magenta (62%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6281, 0.3043, 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 17.6281, 0.3043, 0.2331 by changing the saturation by 10% instead.


 17.6281, 0.3043,
0.2331


 17.6281, 0.3043,
0.2331


238.7664, 0.3105,
0.2848


 10.6833, 0.3019,
0.2190


 39.4026, 0.3071,
0.2528


 5.8543, 0.2981,
0.2003


 55.0011, 0.3080,
0.2599

 2.7567, 0.2917,
0.1745

 74.2529, 0.3087,
0.2658

 1.0061, 0.2795,
0.1371

 97.5425, 0.3092,
0.2708

 0.0000, 0.2711,
0.0000

125.2543, 0.3096,
0.2750

 0.0000, 0.0000,
0.0000

157.7726, 0.3100,

0.2787

195.4818, 0.3102,
0.2819

■ 17.6281, 0.3043,
0.2331

■ 17.6281, 0.3043,
0.2331

■ 14.6990, 0.3011,
0.2088

■ 21.1552, 0.3071,
0.2585

■ 12.3305, 0.2974,
0.1864

■ 25.3104, 0.3095,
0.2840

■ 10.4843, 0.2935,
0.1671


■ 30.1244, 0.3114,
0.3090


■ 9.1166, 0.2893,
0.1515


■ 35.6252, 0.3129,
0.3329


■ 8.1762, 0.2850,
0.1403


■ 41.8393, 0.3141,
0.3553


 7.5671, 0.2808,
0.1328

 48.7916, 0.3150,
0.3761

 7.4745, 0.2801,
0.1317

 56.5060, 0.3157,
0.3953

 65.0051, 0.3161,
0.4127

 74.3107, 0.3164,
0.4285

Harmonies

Analogous

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



17.6281, 0.2368, 0.2138



17.6281, 0.3043, 0.2331



17.6281, 0.3835, 0.2717

Triad

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



17.6281, 0.3043, 0.2331



17.6281, 0.4384, 0.4334



17.6281, 0.1942, 0.3130

Complementary

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



17.6281, 0.3043, 0.2331



28.8660, 0.3165, 0.4394

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.



17.6281, 0.2383, 0.3954



17.6281, 0.3043, 0.2331



17.6281, 0.3790, 0.4685

Square

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



17.6281, 0.3043, 0.2331



17.6281, 0.4655, 0.3796



17.6281, 0.3057, 0.4587



17.6281, 0.1800, 0.2502

Rectangle

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



17.6281, 0.3043, 0.2331



17.6281, 0.4290, 0.3050



17.6281, 0.3057, 0.4587



17.6281, 0.2056, 0.3397

Sweetspot

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



17.6289, 0.3043, 0.2331



50.4646, 0.3107, 0.2994



15.8662, 0.2470, 0.2350



11.1414, 0.3105, 0.2964



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.



17.6289, 0.3043, 0.2331



27.0343, 0.3016, 0.2122



17.9649, 0.3437, 0.2649



6.6993, 0.3112, 0.3068



5.9200, 0.2804, 0.1319



0.1193, 0.2978, 0.1414

Inverse Universe

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



17.1945, 0.3889, 0.3128



26.2240, 0.4152, 0.3094



28.7061, 0.2914, 0.4036



6.6631, 0.3259, 0.3253



5.8857, 0.6122, 0.3146



0.1096, 0.5295, 0.2690

Previews

White Background



This preview shows how the Yxy color 17.6281, 0.3043, 0.2331 looks on a white background.

Color Contrast Check

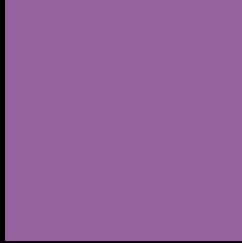
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6281, 0.3043, 0.2331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

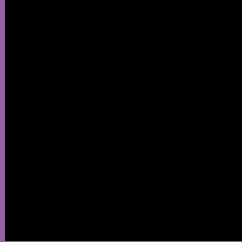
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.6281, 0.3043, 0.2331

Background



This preview shows how black text looks on a background with the Yxy color 17.6281, 0.3043, 0.2331.



This preview shows how white text looks on a background with the Yxy color 17.6281, 0.3043, 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

17.6281, 0.3043, 0.2331

Protanopia

17.8367, 0.2388, 0.2288

Deuteranopia

17.7876, 0.2603, 0.2544



Tritanopia

17.5928, 0.3524, 0.3150

Trichromacy



Original Color

17.6281, 0.3043, 0.2331

Protanomaly

17.5092, 0.2596, 0.2298

Deuteranomaly

17.5092, 0.2745, 0.2454

Tritanomaly

17.5591, 0.3340, 0.2830

Monochromacy



Original Color

17.6281, 0.3043, 0.2331

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.1349, 0.3107, 0.2896

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6281, 0.3043, 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(149, 98, 159)` looks like.

```
.text, #text, p{  
  color:rgb(149, 98, 159)  
}
```

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(149, 98, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 98, 159) }
```

Border

The CSS property to change the border of an element to Yxy 17.6281, 0.3043, 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(149, 98, 159) }
```

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

```
.border{ border-color:rgb(149, 98, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 98, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 98, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 98, 159);  
box-shadow:4px 4px 4px 4px rgb(149, 98,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6281, 0.3043, 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(149, 98, 159) }
```

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

```
.background{ background-color: rgb(149, 98,  
159) }
```

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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