

Converting Colors

$Y_{xy}(17.2630, 0.3178, 0.2482)$

Have a look what the booklet for
Yxy(17.2630, 0.3178, 0.2482)
contains.

Yxy(17.2630, 0.3178, 0.2482)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.2630, 0.3178, 0.2482)

Conversions

Conversions Part 1

Format	Color
Hex	956294
RGB	149, 98, 148
RGB Percent	58%, 38%, 58%
CMY	0.4158, 0.6156, 0.4196
CMYK	0.00, 0.34, 0.01, 0.42
HSL	301°, 21%, 48%
HSV	301°, 34%, 58%
XYZ	22.1039, 17.2630, 30.1859
YIQ	118.9490, 14.3460, 26.3620

Conversions

Conversions Part 2

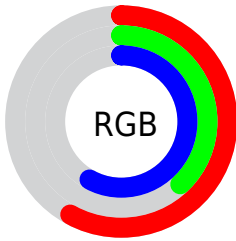
Format	Color
R_{YB}	149, 98, 148
Decimal	9790100
CIE _{Lab}	48.59, 29.07, -19.05
CIE _{LCh}	49, 34.758, 326.768
Yxy	17.2630, 0.3178, 0.2482
Android (android.graphics.Color)	4287980180 (0xFF956294)
YUV	118.9490, 14.3221, 26.3547
Hunter-Lab	41.5488, 22.2514, -13.9911

Details

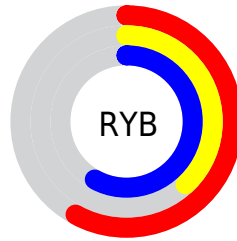
The Yxy color **17.2630, 0.3178, 0.2482** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.9845, 0.3073, 0.4257**, and the grayscale version is **18.3817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.9143, 0.3176, 0.2659**, and **5.6857, 0.3178, 0.2196** is the 20% darker color. If you saturate the color by 10%, you get **14.7211, 0.3193, 0.2258**, and if you desaturate by 10%, it is **20.3253, 0.3163, 0.2718**.

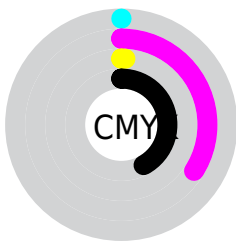
Distribution



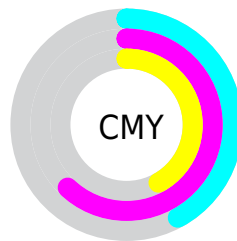
- Red (58%)
- Green (38%)
- Blue (58%)



- Red (58%)
- Yellow (38%)
- Blue (58%)



- Cyan (0%)
- Magenta (34%)
- Yellow (1%)
- Black (42%)




- Cyan (42%)
- Magenta (62%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2630, 0.3178, 0.2482 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 17.2630, 0.3178, 0.2482 by changing the saturation by 10% instead.


 17.2630, 0.3178,
0.2482


 17.2630, 0.3178,
0.2482


236.6834, 0.3159,
0.2924


 10.4222, 0.3179,
0.2358


 38.7774, 0.3174,
0.2652


 5.6798, 0.3177,
0.2190


 54.2198, 0.3171,
0.2713

 2.6514, 0.3166,
0.1952

 73.2982, 0.3169,
0.2764

 0.9525, 0.3131,
0.1592

 96.3969, 0.3167,
0.2806

 0.0000, 0.3232,
0.0000

123.9004, 0.3164,
0.2842

 0.0000, 0.0000,
0.0000

156.1931, 0.3163,

0.2873

193.6593, 0.3161,
0.2900

■ 17.2630, 0.3178,
0.2482

■ 17.2630, 0.3178,
0.2482

■ 14.7211, 0.3193,
0.2258

■ 20.3253, 0.3163,
0.2718

■ 12.6686, 0.3208,
0.2056

■ 23.9324, 0.3147,
0.2957

■ 11.0744, 0.3222,
0.1882


■ 28.1098, 0.3133,
0.3193

■ 9.9033, 0.3234,
0.1745


■ 32.8808, 0.3119,
0.3421

■ 9.1148, 0.3244,
0.1648

■ 38.2673, 0.3107,
0.3636


 8.6593, 0.3252,
0.1591

 44.2902, 0.3096,
0.3838

 8.4668, 0.3256,
0.1567

 50.9695, 0.3085,
0.4023

 58.3240, 0.3076,
0.4194

 66.3720, 0.3068,
0.4349

Harmonies

Analogous

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



17.2630, 0.2548, 0.2275



17.2630, 0.3178, 0.2482



17.2630, 0.3864, 0.2858

Triad

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



17.2630, 0.3178, 0.2482



17.2630, 0.4173, 0.4299



17.2630, 0.2031, 0.3047

Complementary

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



17.2630, 0.3178, 0.2482



24.9845, 0.3073, 0.4257

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.



17.2630, 0.2388, 0.3746



17.2630, 0.3178, 0.2482



17.2630, 0.3619, 0.4530

Square

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



17.2630, 0.3178, 0.2482



17.2630, 0.4461, 0.3848



17.2630, 0.2965, 0.4342



17.2630, 0.1944, 0.2530

Rectangle

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



17.2630, 0.3178, 0.2482



17.2630, 0.4228, 0.3170



17.2630, 0.2965, 0.4342



17.2630, 0.2121, 0.3269

Sweetspot

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



17.2638, 0.3178, 0.2482



45.7471, 0.3142, 0.3052



13.5526, 0.2541, 0.2308



9.9329, 0.3143, 0.3022



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.



17.2638, 0.3178, 0.2482



27.3735, 0.3190, 0.2310



16.5467, 0.3526, 0.2872



5.9073, 0.3140, 0.3076



7.1294, 0.3256, 0.1567



0.0877, 0.3231, 0.1553

Inverse Universe

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



17.2638, 0.3178, 0.2482



27.3735, 0.3190, 0.2310



25.5479, 0.2856, 0.3753



5.9073, 0.3140, 0.3076



7.1294, 0.3256, 0.1567



0.0877, 0.3231, 0.1553

Previews

White Background



This preview shows how the Yxy color 17.2630, 0.3178, 0.2482 looks on a white background.

Color Contrast Check

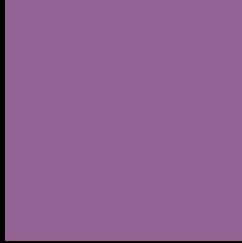
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2630, 0.3178, 0.2482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

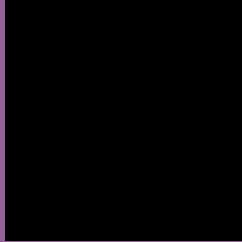
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.2630, 0.3178, 0.2482

Background



This preview shows how black text looks on a background with the Yxy color 17.2630, 0.3178, 0.2482.



This preview shows how white text looks on a background with the Yxy color 17.2630, 0.3178, 0.2482.

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

17.2630, 0.3178, 0.2482

Protanopia

17.3975, 0.2516, 0.2453

Deuteranopia

17.2993, 0.2757, 0.2695



Tritanopia

17.2247, 0.3573, 0.3150

Trichromacy



Original Color

17.2630, 0.3178, 0.2482

Protanomaly

17.0474, 0.2719, 0.2444

Deuteranomaly

17.1604, 0.2894, 0.2613

Tritanomaly

17.1201, 0.3426, 0.2879

Monochromacy



Original Color

17.2630, 0.3178, 0.2482

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.7264, 0.3143, 0.2945

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2630, 0.3178, 0.2482 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(149, 98, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 98, 148) }
```

Border

The CSS property to change the border of an element to Yxy 17.2630, 0.3178, 0.2482 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, 148) }
```

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

```
.border{ border-color:rgb(149, 98, 148) }
```

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, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 98, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 98, 148);  
box-shadow:4px 4px 4px 4px rgb(149, 98,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2630, 0.3178, 0.2482 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, 148) }
```

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

```
.background{ background-color: rgb(149, 98,  
148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor