

Converting Colors

$Y_{xy}(15.1983, 0.3179, 0.2202)$

Have a look what the booklet for
Yxy(15.1983, 0.3179, 0.2202)
contains.

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Color

Yxy(15.2587, 0.3178, 0.2206)

Conversions

Conversions Part 1

Format	Color
Hex	995399
RGB	153, 83, 153
RGB Percent	60%, 33%, 60%
CMY	0.4000, 0.6745, 0.4000
CMYK	0.00, 0.46, 0.00, 0.40
HSL	300°, 30%, 46%
HSV	300°, 46%, 60%
XYZ	21.9819, 15.2587, 31.9284
YIQ	111.9100, 19.2500, 36.6100

Conversions

Conversions Part 2

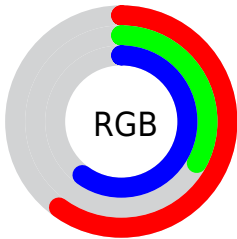
Format	Color
R _Y B	153, 83, 153
Decimal	10048409
CIE Lab	45.99, 39.73, -26.00
CIE LCh	46, 47.479, 326.798
Yxy	15.2587, 0.3178, 0.2206
Android (android.graphics.Color)	4288238489 (0xFF995399)
YUV	111.9100, 20.2574, 36.0359
Hunter-Lab	39.0624, 32.0898, -21.1182

Details

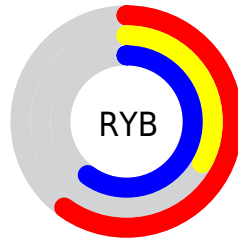
The Yxy color **15.2587, 0.3178, 0.2206** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.2496, 0.3062, 0.4680**, and the grayscale version is **16.1110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4373, 0.3177, 0.2430**, and **4.7563, 0.3152, 0.1829** is the 20% darker color. If you saturate the color by 10%, you get **13.1709, 0.3187, 0.2005**, and if you desaturate by 10%, it is **17.8646, 0.3167, 0.2430**.

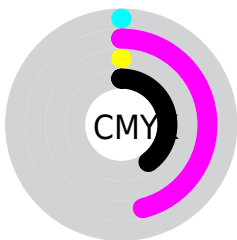
Distribution



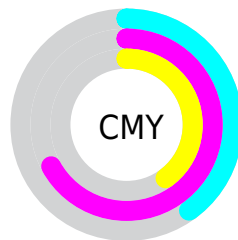
- Red (60%)
- Green (33%)
- Blue (60%)



- Red (60%)
- Yellow (33%)
- Blue (60%)



- Cyan (0%)
- Magenta (46%)
- Yellow (0%)
- Black (40%)




- Cyan (40%)
- Magenta (67%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.2587, 0.3178, 0.2206 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 15.2587, 0.3178, 0.2206 by changing the saturation by 10% instead.


 15.2587, 0.3178,
0.2206


 15.2587, 0.3178,
0.2206


224.9268, 0.3168,
0.2793


 9.0011, 0.3172,
0.2046


 35.3064, 0.3179,
0.2430


 4.7419, 0.3159,
0.1832


 49.8653, 0.3178,
0.2511

 2.0967, 0.3125,
0.1538

 67.9601, 0.3177,
0.2578

 0.6627, 0.3050,
0.1093

 89.9753, 0.3175,
0.2635

 0.0000, 0.2836,
0.0000

 116.2951, 0.3173,
0.2683

 0.0000, 0.0000,
0.0000

147.3040, 0.3171,

0.2725

183.3865, 0.3169,
0.2761

■ 15.2587, 0.3178,
0.2206

■ 15.2587, 0.3178,
0.2206

■ 13.1709, 0.3187,
0.2005

■ 17.8646, 0.3167,
0.2430

■ 11.5648, 0.3195,
0.1835

■ 21.0177, 0.3156,
0.2668

■ 10.4024, 0.3202,
0.1703


■ 24.7475, 0.3145,
0.2912

■ 9.6394, 0.3206,
0.1612

■ 29.0808, 0.3134,
0.3154

■ 9.2144, 0.3208,
0.1559

■ 34.0427, 0.3123,
0.3388

 9.0735, 0.3209,
0.1542

 39.6567, 0.3112,
0.3611

 45.9454, 0.3102,
0.3819

 52.9302, 0.3093,
0.4011

 60.6314, 0.3085,
0.4188

Harmonies

Analogous

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



15.2587, 0.2320, 0.1937



15.2587, 0.3178, 0.2206



15.2587, 0.4167, 0.2686

Triad

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



15.2587, 0.3178, 0.2206



15.2587, 0.4519, 0.4615



15.2587, 0.1641, 0.2899

Complementary

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



15.2587, 0.3178, 0.2206



25.2496, 0.3062, 0.4680

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.



15.2587, 0.2084, 0.3939



15.2587, 0.3178, 0.2206



15.2587, 0.3738, 0.5053

Square

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



15.2587, 0.3178, 0.2206



15.2587, 0.4972, 0.3959



15.2587, 0.2849, 0.4859



15.2587, 0.1550, 0.2218

Rectangle

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



15.2587, 0.3178, 0.2206



15.2587, 0.4694, 0.3083



15.2587, 0.2849, 0.4859



15.2587, 0.1748, 0.3218

Sweetspot

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



15.2594, 0.3178, 0.2206



45.3935, 0.3143, 0.2948



10.5049, 0.2293, 0.1927



9.7044, 0.3145, 0.2900



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



15.2594, 0.3178, 0.2206



23.4762, 0.3188, 0.1999



14.2952, 0.3686, 0.2692



6.3237, 0.3137, 0.3071



7.4978, 0.3209, 0.1542



0.1121, 0.3209, 0.1542

Inverse Universe

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



13.5837, 0.4314, 0.3294



20.0873, 0.4751, 0.3295



25.9056, 0.2799, 0.3992



6.2227, 0.3283, 0.3290



5.5972, 0.6401, 0.3300



0.0837, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 15.2587, 0.3178, 0.2206 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 15.2587, 0.3178, 0.2206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

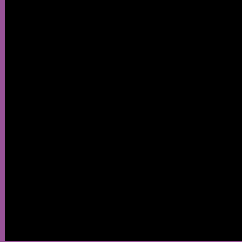
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.2587, 0.3178, 0.2206

Background



This preview shows how black text looks on a background with the Yxy color 15.2587, 0.3178, 0.2206.



This preview shows how white text looks on a background with the Yxy color 15.2587, 0.3178, 0.2206.

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

15.2587, 0.3178, 0.2206

Protanopia

15.4638, 0.2246, 0.2099

Deuteranopia

15.4917, 0.2556, 0.2502



Tritanopia

15.3468, 0.3825, 0.3169

Trichromacy



Original Color

15.2587, 0.3178, 0.2206

Protanomaly

14.8035, 0.2508, 0.2100

Deuteranomaly

14.9772, 0.2757, 0.2368

Tritanomaly

15.2522, 0.3572, 0.2781

Monochromacy



Original Color

15.2587, 0.3178, 0.2206

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.3517, 0.3150, 0.2805

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2587, 0.3178, 0.2206 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(153, 83, 153)` looks like.

```
.text, #text, p{  
    color:rgb(153, 83, 153)  
}
```

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(153, 83, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 83, 153) }
```

Border

The CSS property to change the border of an element to Yxy 15.2587, 0.3178, 0.2206 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(153, 83, 153) }
```

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

```
.border{ border-color:rgb(153, 83, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 83, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 83, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 83, 153);  
box-shadow:4px 4px 4px 4px rgb(153, 83,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2587, 0.3178, 0.2206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 83, 153) }
```

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

```
.background{ background-color: rgb(153, 83,  
153) }
```

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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