

Converting Colors

$Y_{xy}(17.1150, 0.3207, 0.2446)$

Have a look what the booklet for
Yxy(17.1150, 0.3207, 0.2446)
contains.

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Color

Yxy(17.2111, 0.3207, 0.2447)

Conversions

Conversions Part 1

Format	Color
Hex	986095
RGB	152, 96, 149
RGB Percent	60%, 38%, 58%
CMY	0.4039, 0.6235, 0.4157
CMYK	0.00, 0.37, 0.02, 0.40
HSL	303°, 23%, 49%
HSV	303°, 37%, 60%
XYZ	22.5566, 17.2111, 30.5678
YIQ	118.7860, 16.3630, 28.3550

Conversions

Conversions Part 2

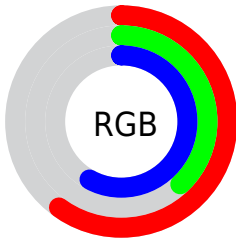
Format	Color
R_{YB}	152, 96, 149
Decimal	9986197
CIE _{Lab}	48.52, 31.44, -19.71
CIE _{LCh}	49, 37.104, 327.917
Yxy	17.2111, 0.3207, 0.2447
Android (android.graphics.Color)	4288176277 (0xFF986095)
YUV	118.7860, 14.8955, 29.1287
Hunter-Lab	41.4863, 24.4517, -14.6455

Details

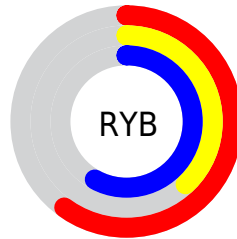
The Yxy color **17.2111, 0.3207, 0.2447** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.8444, 0.3052, 0.4309**, and the grayscale version is **18.3255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.7570, 0.3196, 0.2630**, and **5.7051, 0.3223, 0.2159** is the 20% darker color. If you saturate the color by 10%, you get **14.6753, 0.3231, 0.2233**, and if you desaturate by 10%, it is **20.2849, 0.3183, 0.2674**.

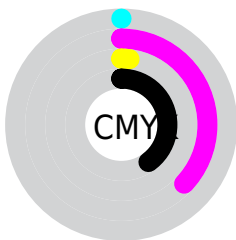
Distribution



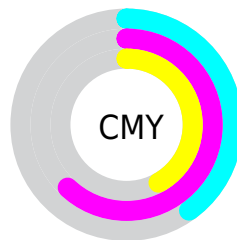
- Red (60%)
- Green (38%)
- Blue (58%)



- Red (60%)
- Yellow (38%)
- Blue (58%)



- Cyan (0%)
- Magenta (37%)
- Yellow (2%)
- Black (40%)





- Cyan (40%)
- Magenta (62%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2111, 0.3207, 0.2447 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 17.2111, 0.3207, 0.2447 by changing the saturation by 10% instead.


 17.2111, 0.3207,
0.2447


 17.2111, 0.3207,
0.2447


236.3860, 0.3173,
0.2907


 10.3851, 0.3212,
0.2319


 38.6884, 0.3197,
0.2624


 5.6550, 0.3216,
0.2146


 54.1085, 0.3192,
0.2687

 2.6365, 0.3213,
0.1902


 73.1620, 0.3188,
0.2740

 0.9450, 0.3190,
0.1537

 96.2335, 0.3184,
0.2784

 0.0000, 0.3342,
0.0000

123.7072, 0.3181,
0.2821

 0.0000, 0.0000,
0.0000

155.9676, 0.3178,

0.2854

193.3990, 0.3175,
0.2882

■ 17.2111, 0.3207,
0.2447

■ 17.2111, 0.3207,
0.2447

■ 14.6753, 0.3231,
0.2233

■ 20.2849, 0.3183,
0.2674

■ 12.6441, 0.3256,
0.2041

■ 23.9230, 0.3161,
0.2907

■ 11.0841, 0.3280,
0.1880

■ 28.1526, 0.3140,
0.3137

■ 9.9570, 0.3302,
0.1756

■ 32.9985, 0.3121,
0.3359

■ 9.2182, 0.3322,
0.1673

■ 38.4842, 0.3104,
0.3571

8.7970, 0.3340,
0.1628

44.6319, 0.3089,
0.3769

8.6848, 0.3346,
0.1617

51.4627, 0.3076,
0.3952

58.9968, 0.3064,
0.4120

67.2536, 0.3054,
0.4274

Harmonies

Analogous

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



17.2111, 0.2531, 0.2221



17.2111, 0.3207, 0.2447



17.2111, 0.3939, 0.2847

Triad

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



17.2111, 0.3207, 0.2447



17.2111, 0.4217, 0.4372



17.2111, 0.1956, 0.2998

Complementary

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



17.2111, 0.3207, 0.2447



25.8444, 0.3052, 0.4309

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.



17.2111, 0.2319, 0.3747



17.2111, 0.3207, 0.2447



17.2111, 0.3617, 0.4618

Square

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



17.2111, 0.3207, 0.2447



17.2111, 0.4543, 0.3892



17.2111, 0.2922, 0.4406



17.2111, 0.1878, 0.2463

Rectangle

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



17.2111, 0.3207, 0.2447



17.2111, 0.4322, 0.3177



17.2111, 0.2922, 0.4406



17.2111, 0.2046, 0.3234

Sweetspot

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



17.2119, 0.3207, 0.2447



46.2950, 0.3149, 0.3037



13.2751, 0.2507, 0.2223



10.3135, 0.3152, 0.3008



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.



17.2119, 0.3207, 0.2447



26.7187, 0.3227, 0.2274



16.4273, 0.3597, 0.2869



6.3179, 0.3145, 0.3082



7.2835, 0.3345, 0.1616



0.1104, 0.3279, 0.1580

Inverse Universe

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



17.2119, 0.3207, 0.2447



26.7187, 0.3227, 0.2274



26.4706, 0.2822, 0.3759



6.3179, 0.3145, 0.3082



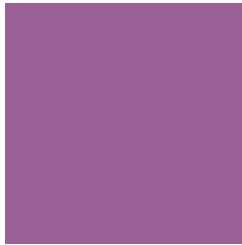
7.2835, 0.3345, 0.1616



0.1104, 0.3279, 0.1580

Previews

White Background



This preview shows how the Yxy color 17.2111, 0.3207, 0.2447 looks on a white background.

Color Contrast Check

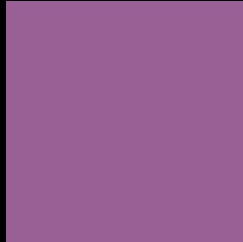
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2111, 0.3207, 0.2447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

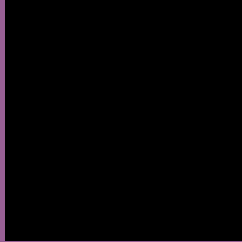
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.2111, 0.3207, 0.2447

Background



This preview shows how black text looks on a background with the Yxy color 17.2111, 0.3207, 0.2447.



This preview shows how white text looks on a background with the Yxy color 17.2111, 0.3207, 0.2447.

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

17.2111, 0.3207, 0.2447

Protanopia

17.4457, 0.2482, 0.2406

Deuteranopia

17.2651, 0.2736, 0.2676



Tritanopia

17.2735, 0.3633, 0.3152

Trichromacy



Original Color

17.2111, 0.3207, 0.2447

Protanomaly

16.9771, 0.2710, 0.2399

Deuteranomaly

17.0576, 0.2895, 0.2582

Tritanomaly

17.1776, 0.3484, 0.2884

Monochromacy



Original Color

17.2111, 0.3207, 0.2447

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.8059, 0.3156, 0.2947

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2111, 0.3207, 0.2447 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(152, 96, 149)` looks like.

```
.text, #text, p{  
    color:rgb(152, 96, 149)  
}
```

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(152, 96, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 96, 149) }
```

Border

The CSS property to change the border of an element to Yxy 17.2111, 0.3207, 0.2447 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(152, 96, 149) }
```

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

```
.border{ border-color:rgb(152, 96, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 96, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 96, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 96, 149);  
box-shadow:4px 4px 4px 4px rgb(152, 96,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2111, 0.3207, 0.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 96, 149) }
```

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

```
.background{ background-color: rgb(152, 96,  
149) }
```

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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