

Converting Colors

$Y_{xy}(17.3152, 0.3100, 0.2302)$

Have a look what the booklet for
Yxy(17.3152, 0.3100, 0.2302)
contains.

Yxy(17.4253, 0.3107, 0.2314)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.4253, 0.3107, 0.2314)

Conversions

Conversions Part 1

Format	Color
Hex	995F9E
RGB	153, 95, 158
RGB Percent	60%, 37%, 62%
CMY	0.4001, 0.6274, 0.3804
CMYK	0.03, 0.40, 0.00, 0.38
HSL	295°, 25%, 50%
HSV	295°, 40%, 62%
XYZ	23.3969, 17.4253, 34.4816
YIQ	119.5240, 14.3450, 31.8890

Conversions

Conversions Part 2

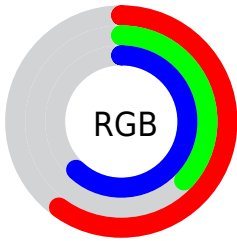
Format	Color
R_{YB}	153, 95, 158
Decimal	10051486
CIE _{Lab}	48.79, 34.09, -24.61
CIE _{LCh}	49, 42.044, 324.166
Yxy	17.4253, 0.3107, 0.2314
Android (android.graphics.Color)	4288241566 (0xFF995F9E)
YUV	119.5240, 18.9687, 29.3585
Hunter-Lab	41.7436, 26.9962, -19.7550

Details

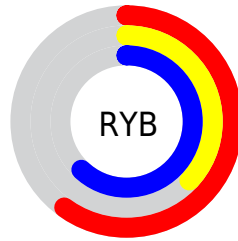
The Yxy color **17.4253, 0.3107, 0.2314** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.9957, 0.3116, 0.4461**, and the grayscale version is **18.5585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0814, 0.3117, 0.2514**, and **5.7039, 0.3066, 0.1980** is the 20% darker color. If you saturate the color by 10%, you get **14.7394, 0.3096, 0.2086**, and if you desaturate by 10%, it is **20.6914, 0.3115, 0.2557**.

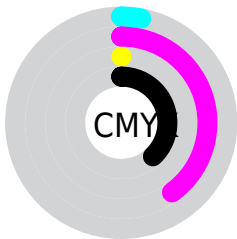
Distribution



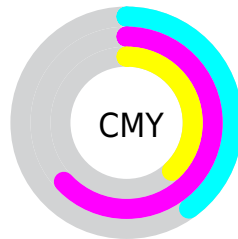
- Red (60%)
- Green (37%)
- Blue (62%)



- Red (60%)
- Yellow (37%)
- Blue (62%)



- Cyan (3%)
- Magenta (40%)
- Yellow (0%)
- Black (38%)




- Cyan (40%)
- Magenta (63%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4253, 0.3107, 0.2314 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 17.4253, 0.3107, 0.2314 by changing the saturation by 10% instead.


 17.4253, 0.3107,
0.2314


 17.4253, 0.3107,
0.2314


237.6115, 0.3133,
0.2839


 10.5382, 0.3093,
0.2171


 39.0556, 0.3122,
0.2513


 5.7572, 0.3068,
0.1982


 54.5675, 0.3126,
0.2586

 2.6980, 0.3023,
0.1721

 73.7232, 0.3128,
0.2646

 0.9762, 0.2931,
0.1344

 96.9070, 0.3130,
0.2697

 0.0000, 0.2915,
0.0000

124.5034, 0.3131,
0.2740

 0.0000, 0.0000,
0.0000

156.8966, 0.3132,

0.2777

194.4712, 0.3133,
0.2810

■ 17.4253, 0.3107,
0.2314

■ 17.4253, 0.3107,
0.2314

■ 14.7394, 0.3096,
0.2086

■ 20.6914, 0.3115,
0.2557

■ 12.5964, 0.3083,
0.1882

■ 24.5676, 0.3121,
0.2806

■ 10.9580, 0.3067,
0.1711


■ 29.0845, 0.3125,
0.3054

■ 9.7800, 0.3050,
0.1580


■ 34.2700, 0.3127,
0.3293


■ 9.0108, 0.3031,
0.1490


■ 40.1502, 0.3128,
0.3521

 8.5286, 0.3012,
0.1433

 46.7500, 0.3127,
0.3734

 8.5224, 0.3011,
0.1433

 54.0930, 0.3125,
0.3930

 62.2016, 0.3123,
0.4110

 71.0973, 0.3120,
0.4274

Harmonies

Analogous

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



17.4253, 0.2381, 0.2093



17.4253, 0.3107, 0.2314



17.4253, 0.3944, 0.2730

Triad

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



17.4253, 0.3107, 0.2314



17.4253, 0.4399, 0.4422



17.4253, 0.1858, 0.3045

Complementary

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



17.4253, 0.3107, 0.2314



27.9957, 0.3116, 0.4461

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.



17.4253, 0.2288, 0.3917



17.4253, 0.3107, 0.2314



17.4253, 0.3751, 0.4777

Square

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



17.4253, 0.3107, 0.2314



17.4253, 0.4728, 0.3861



17.4253, 0.2979, 0.4631



17.4253, 0.1740, 0.2415

Rectangle

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



17.4253, 0.3107, 0.2314



17.4253, 0.4408, 0.3081



17.4253, 0.2979, 0.4631



17.4253, 0.1967, 0.3322

Sweetspot

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



17.4261, 0.3107, 0.2314



50.7601, 0.3124, 0.2995



14.0685, 0.2426, 0.2205



11.2144, 0.3124, 0.2966



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.



17.4261, 0.3107, 0.2314



27.1736, 0.3097, 0.2106



17.1171, 0.3528, 0.2703



6.7276, 0.3125, 0.3069



6.8327, 0.3013, 0.1434



0.1293, 0.3097, 0.1480

Inverse Universe

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



16.3788, 0.4017, 0.3210



25.0465, 0.4338, 0.3194



28.2775, 0.2866, 0.3969



6.6543, 0.3272, 0.3272



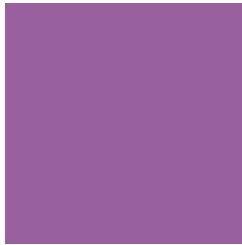
5.8470, 0.6287, 0.3237



0.1068, 0.5793, 0.2965

Previews

White Background



This preview shows how the Yxy color 17.4253, 0.3107, 0.2314 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 17.4253, 0.3107, 0.2314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

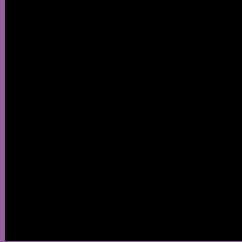
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.4253, 0.3107, 0.2314

Background



This preview shows how black text looks on a background with the Yxy color 17.4253, 0.3107, 0.2314.



This preview shows how white text looks on a background with the Yxy color 17.4253, 0.3107, 0.2314.

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

17.4253, 0.3107, 0.2314

Protanopia

17.5386, 0.2361, 0.2252

Deuteranopia

17.4935, 0.2618, 0.2557



Tritanopia

17.4984, 0.3615, 0.3153

Trichromacy



Original Color

17.4253, 0.3107, 0.2314

Protanomaly

17.1245, 0.2584, 0.2250

Deuteranomaly

17.1670, 0.2786, 0.2454

Tritanomaly

17.2819, 0.3428, 0.2820

Monochromacy



Original Color

17.4253, 0.3107, 0.2314

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

17.9956, 0.3121, 0.2879

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4253, 0.3107, 0.2314 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, 95, 158)` looks like.

```
.text, #text, p{  
  color:rgb(153, 95, 158)  
}
```

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, 95, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 95, 158) }
```

Border

The CSS property to change the border of an element to Yxy 17.4253, 0.3107, 0.2314 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, 95, 158) }
```

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

```
.border{ border-color:rgb(153, 95, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 95, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 95, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 95, 158);  
box-shadow:4px 4px 4px 4px rgb(153, 95,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4253, 0.3107, 0.2314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 95, 158) }
```

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

```
.background{ background-color: rgb(153, 95,  
158) }
```

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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