

Converting Colors

$Y_{xy}(19.6442, 0.3548, 0.3141)$

Have a look what the booklet for
Yxy(19.6442, 0.3548, 0.3141)
contains.

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Color

Yxy(19.6442, 0.3548, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	987079
RGB	152, 112, 121
RGB Percent	60%, 44%, 47%
CMY	0.4040, 0.5607, 0.5255
CMYK	0.00, 0.26, 0.20, 0.40
HSL	347°, 16%, 52%
HSV	347°, 26%, 60%
XYZ	22.1896, 19.6442, 20.7074
YIQ	124.9860, 20.9510, 11.2790

Conversions

Conversions Part 2

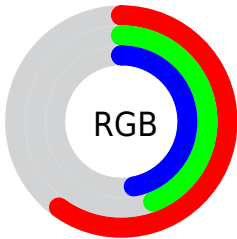
Format	Color
R_{YB}	152, 112, 121
Decimal	9990265
CIE _{Lab}	51.43, 17.22, 1.25
CIE _{LCh}	51, 17.262, 4.148
Yxy	19.6442, 0.3548, 0.3141
Android (android.graphics.Color)	4288180345 (0xFF987079)
YUV	124.9860, -1.9651, 23.6913
Hunter-Lab	44.3218, 11.8026, 3.3246

Details

The Yxy color **19.6442, 0.3548, 0.3141** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.8763, 0.2826, 0.3446**, and the grayscale version is **20.5046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8334, 0.3455, 0.3179**, and **6.8572, 0.3712, 0.3070** is the 20% darker color. If you saturate the color by 10%, you get **16.2974, 0.3776, 0.3081**, and if you desaturate by 10%, it is **23.5942, 0.3361, 0.3200**.

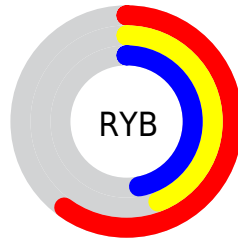
Distribution



Red (60%)

Green (44%)

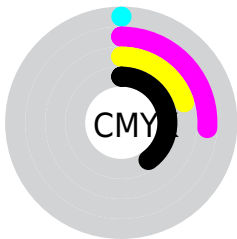
Blue (47%)



Red (60%)

Yellow (44%)

Blue (47%)

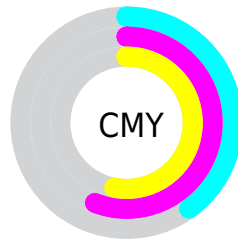


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (40%)



Cyan (40%)

Magenta (56%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6442, 0.3548, 0.3141 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 19.6442, 0.3548, 0.3141 by changing the saturation by 10% instead.


 19.6442, 0.3548,
0.3141


 19.6442, 0.3548,
0.3141

249.9824, 0.3307,
0.3227


 12.1367, 0.3622,
0.3114


 42.8198, 0.3451,
0.3176

 6.8368, 0.3726,
0.3076


 59.2568, 0.3418,
0.3188

 3.3603, 0.3886,
0.3016

 79.4389, 0.3391,
0.3198

 1.3226, 0.4162,
0.2912

 103.7508, 0.3368,
0.3206

 0.1586, 0.7007,
0.1946

132.5766, 0.3349,
0.3212

 0.0000, 0.0000,
0.0000

166.3009, 0.3333,

0.3218

205.3080, 0.3319,
0.3223

■ 19.6442, 0.3548,
0.3141

■ 19.6442, 0.3548,
0.3141

■ 16.2974, 0.3776,
0.3081

■ 23.5942, 0.3361,
0.3200

■ 13.5215, 0.4052,
0.3025

■ 28.1722, 0.3208,
0.3256

■ 11.2851, 0.4375,
0.2978

■ 33.4052, 0.3084,
0.3309

■ 9.5528, 0.4742,
0.2948

■ 39.3175, 0.2983,
0.3357

■ 8.2848, 0.5135,
0.2945

■ 45.9323, 0.2900,
0.3402

■ 7.4356, 0.5520,
0.2976

■ 53.2718, 0.2832,
0.3442

■ 6.9382, 0.5858,
0.3042

■ 61.3569, 0.2776,
0.3479

■ 6.7888, 0.5972,
0.3064

■ 70.2080, 0.2729,
0.3512

■ 79.8445, 0.2690,
0.3542

Harmonies

Analogous

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



19.6442, 0.3244, 0.2919



19.6442, 0.3548, 0.3141



19.6442, 0.3738, 0.3406

Triad

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



19.6442, 0.3548, 0.3141



19.6442, 0.3311, 0.3856



19.6442, 0.2536, 0.2886

Complementary

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



19.6442, 0.3548, 0.3141



27.8763, 0.2826, 0.3446

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.



19.6442, 0.2552, 0.3124



19.6442, 0.3548, 0.3141



19.6442, 0.2989, 0.3708

Square

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



19.6442, 0.3548, 0.3141



19.6442, 0.3593, 0.3829



19.6442, 0.2714, 0.3430



19.6442, 0.2667, 0.2770

Rectangle

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



19.6442, 0.3548, 0.3141



19.6442, 0.3769, 0.3579



19.6442, 0.2714, 0.3430



19.6442, 0.2524, 0.2953

Sweetspot

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



19.6451, 0.3548, 0.3141



48.1529, 0.3234, 0.3246



19.6667, 0.3043, 0.2633



10.6753, 0.3255, 0.3238



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.



19.6451, 0.3548, 0.3141



30.8263, 0.3687, 0.3103



21.9276, 0.3625, 0.3470



6.2443, 0.3250, 0.3240



5.6987, 0.5956, 0.3055



0.0900, 0.4970, 0.2512

Inverse Universe

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



19.6451, 0.3548, 0.3141



30.8263, 0.3687, 0.3103



24.8554, 0.2736, 0.3103



6.2443, 0.3250, 0.3240



5.6987, 0.5956, 0.3055



0.0900, 0.4970, 0.2512

Previews

White Background



This preview shows how the Yxy color 19.6442, 0.3548, 0.3141 looks on a white background.

Color Contrast Check

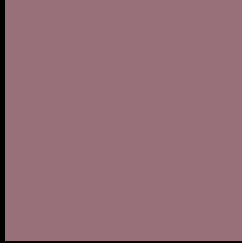
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 19.6442, 0.3548, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

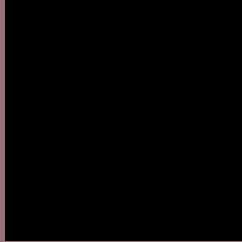
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6442, 0.3548, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 19.6442, 0.3548, 0.3141.



This preview shows how white text looks on a background with the Yxy color 19.6442, 0.3548, 0.3141.

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

19.6442, 0.3548, 0.3141

Protanopia

19.7365, 0.3095, 0.3198

Deuteranopia

19.7840, 0.3332, 0.3273



Tritanopia

19.6442, 0.3548, 0.3141

Trichromacy



Original Color

19.6442, 0.3548, 0.3141

Protanomaly

19.5059, 0.3247, 0.3165

Deuteranomaly

19.5976, 0.3417, 0.3221

Tritanomaly

19.6442, 0.3548, 0.3141

Monochromacy



Original Color

19.6442, 0.3548, 0.3141

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.0391, 0.3268, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6442, 0.3548, 0.3141 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, 112, 121)` looks like.

```
.text, #text, p{  
    color:rgb(152, 112, 121)  
}
```

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, 112, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 112, 121) }
```

Border

The CSS property to change the border of an element to Yxy 19.6442, 0.3548, 0.3141 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, 112, 121) }
```

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

```
.border{ border-color:rgb(152, 112, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 112, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 112, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 112, 121);  
box-shadow:4px 4px 4px 4px rgb(152, 112,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6442, 0.3548, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 112, 121) }
```

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

```
.background{ background-color: rgb(152,  
112, 121) }
```

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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