

Converting Colors

$Y_{xy}(19.8504, 0.3605, 0.3160)$

Have a look what the booklet for
Yxy(19.8504, 0.3605, 0.3160)
contains.

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Color

Yxy(19.9130, 0.3602, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	9B7078
RGB	155, 112, 120
RGB Percent	61%, 44%, 47%
CMY	0.3921, 0.5608, 0.5294
CMYK	0.00, 0.28, 0.23, 0.39
HSL	349°, 18%, 52%
HSV	349°, 28%, 61%
XYZ	22.7055, 19.9130, 20.4173
YIQ	125.7690, 23.0600, 11.6040

Conversions

Conversions Part 2

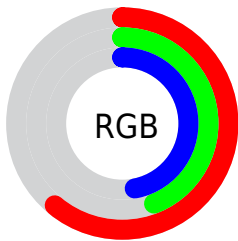
Format	Color
R_{YB}	155, 112, 120
Decimal	10186872
CIE _{Lab}	51.74, 18.26, 2.32
CIE _{LCh}	52, 18.411, 7.227
Yxy	19.9130, 0.3602, 0.3159
Android (android.graphics.Color)	4288376952 (0xFF9B7078)
YUV	125.7690, -2.8441, 25.6356
Hunter-Lab	44.6240, 12.7320, 4.1092

Details

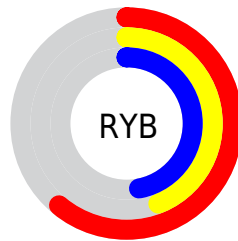
The Yxy color **19.9130, 0.3602, 0.3159** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.0020, 0.2797, 0.3427**, and the grayscale version is **20.7864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.2311, 0.3493, 0.3193**, and **7.0182, 0.3796, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **16.4962, 0.3850, 0.3110**, and if you desaturate by 10%, it is **23.9610, 0.3399, 0.3208**.

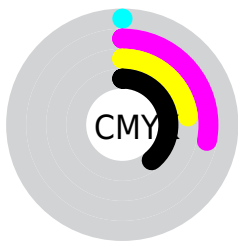
Distribution



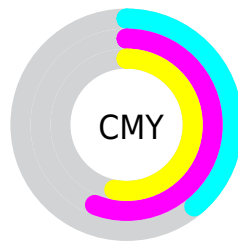
- Red (61%)
- Green (44%)
- Blue (47%)



- Red (61%)
- Yellow (44%)
- Blue (47%)



- Cyan (0%)
- Magenta (28%)
- Yellow (23%)
- Black (39%)





- Cyan (39%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.9130, 0.3602, 0.3159 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 19.9130, 0.3602, 0.3159 by changing the saturation by 10% instead.


 19.9130, 0.3602,
0.3159


 19.9130, 0.3602,
0.3159


251.4437, 0.3330,
0.3236


 12.3318, 0.3685,
0.3135


 43.2713, 0.3493,
0.3190

 6.9701, 0.3802,
0.3100


 59.8172, 0.3456,
0.3201

 3.4434, 0.3982,
0.3045

 80.1201, 0.3425,
0.3210

 1.3674, 0.4290,
0.2946

 104.5644, 0.3399,
0.3217

 0.1925, 0.7237,
0.2215

133.5345, 0.3378,
0.3223

 0.0000, 0.0000,
0.0000

167.4149, 0.3360,

0.3228

206.5898, 0.3344,
0.3232

■ 19.9130, 0.3602,
0.3159

■ 19.9130, 0.3602,
0.3159

■ 16.4962, 0.3850,
0.3110

■ 23.9610, 0.3399,
0.3208

■ 13.6761, 0.4149,
0.3064

■ 28.6669, 0.3234,
0.3255

■ 11.4191, 0.4500,
0.3028

■ 34.0593, 0.3099,
0.3300

■ 9.6871, 0.4893,
0.3009

■ 40.1642, 0.2991,
0.3340

■ 8.4373, 0.5304,
0.3015

■ 47.0063, 0.2902,
0.3377

■ 7.6201, 0.5693,
0.3052

■ 54.6092, 0.2829,
0.3411

■ 7.1490, 0.6017,
0.3113

■ 62.9952, 0.2768,
0.3442

■ 7.0590, 0.6083,
0.3124

■ 72.1859, 0.2719,
0.3469

■ 82.2021, 0.2677,
0.3495

Harmonies

Analogous

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



19.9130, 0.3286, 0.2918



19.9130, 0.3602, 0.3159



19.9130, 0.3787, 0.3440

Triad

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



19.9130, 0.3602, 0.3159



19.9130, 0.3286, 0.3885



19.9130, 0.2508, 0.2842

Complementary

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



19.9130, 0.3602, 0.3159



29.0020, 0.2797, 0.3427

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.



19.9130, 0.2509, 0.3081



19.9130, 0.3602, 0.3159



19.9130, 0.2946, 0.3710

Square

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



19.9130, 0.3602, 0.3159



19.9130, 0.3595, 0.3873



19.9130, 0.2665, 0.3404



19.9130, 0.2661, 0.2734

Rectangle

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



19.9130, 0.3602, 0.3159



19.9130, 0.3806, 0.3621



19.9130, 0.2665, 0.3404



19.9130, 0.2491, 0.2909

Sweetspot

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



19.9139, 0.3602, 0.3159



50.9631, 0.3239, 0.3254



20.1035, 0.3054, 0.2597



11.2472, 0.3261, 0.3247



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



19.9139, 0.3602, 0.3159



31.9175, 0.3742, 0.3130



22.7832, 0.3655, 0.3504



6.2405, 0.3256, 0.3249



5.6723, 0.6064, 0.3114



0.0889, 0.5152, 0.2612

Inverse Universe

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



19.9139, 0.3602, 0.3159



31.9175, 0.3742, 0.3130



25.1918, 0.2712, 0.3065



6.2405, 0.3256, 0.3249



5.6723, 0.6064, 0.3114



0.0889, 0.5152, 0.2612

Previews

White Background



This preview shows how the Yxy color 19.9130, 0.3602, 0.3159 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 19.9130, 0.3602, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

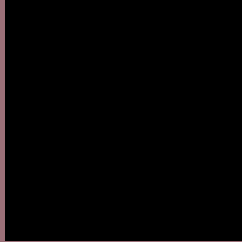
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.9130, 0.3602, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 19.9130, 0.3602, 0.3159.



This preview shows how white text looks on a background with the Yxy color 19.9130, 0.3602, 0.3159.

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

19.9130, 0.3602, 0.3159

Protanopia

20.0322, 0.3118, 0.3235

Deuteranopia

19.8439, 0.3357, 0.3291



Tritanopia

19.9130, 0.3602, 0.3159

Trichromacy



Original Color

19.9130, 0.3602, 0.3159

Protanomaly

19.8831, 0.3283, 0.3202

Deuteranomaly

19.7520, 0.3456, 0.3239

Tritanomaly

19.9130, 0.3602, 0.3159

Monochromacy



Original Color

19.9130, 0.3602, 0.3159

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.4483, 0.3292, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9130, 0.3602, 0.3159 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(155, 112, 120)` looks like.

```
.text, #text, p{  
    color:rgb(155, 112, 120)  
}
```

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(155, 112, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 112, 120) }
```

Border

The CSS property to change the border of an element to Yxy 19.9130, 0.3602, 0.3159 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(155, 112, 120) }
```

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

```
.border{ border-color:rgb(155, 112, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 112, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 112, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 112, 120);  
box-shadow:4px 4px 4px 4px rgb(155, 112,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9130, 0.3602, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 112, 120) }
```

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

```
.background{ background-color: rgb(155,  
112, 120) }
```

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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