

Converting Colors

$Y_{xy}(19.6053, 0.3581, 0.2990)$

Have a look what the booklet for
Yxy(19.6053, 0.3581, 0.2990)
contains.

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Color

Yxy(19.6284, 0.3573, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	9F6C7F
RGB	159, 108, 127
RGB Percent	62%, 42%, 50%
CMY	0.3764, 0.5765, 0.5019
CMYK	0.00, 0.32, 0.20, 0.38
HSL	338°, 21%, 52%
HSV	338°, 32%, 62%
XYZ	23.4949, 19.6284, 22.6335
YIQ	125.4150, 24.2970, 16.7210

Conversions

Conversions Part 2

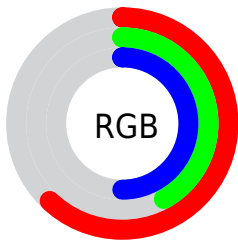
Format	Color
R_{YB}	159, 108, 127
Decimal	10447999
CIE _{Lab}	51.41, 23.22, -2.24
CIE _{LCh}	51, 23.325, 354.481
Yxy	19.6284, 0.3573, 0.2985
Android (android.graphics.Color)	4288638079 (0xFF9F6C7F)
YUV	125.4150, 0.7814, 29.4540
Hunter-Lab	44.3040, 17.1287, 0.7234

Details

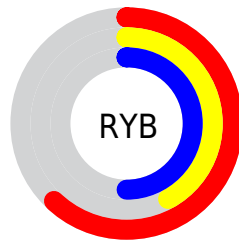
The Yxy color **19.6284, 0.3573, 0.2985** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.8841, 0.2825, 0.3620**, and the grayscale version is **20.6474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8840, 0.3473, 0.3050**, and **6.8459, 0.3748, 0.2872** is the 20% darker color. If you saturate the color by 10%, you get **16.3283, 0.3776, 0.2888**, and if you desaturate by 10%, it is **23.5678, 0.3404, 0.3084**.

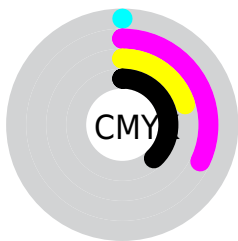
Distribution



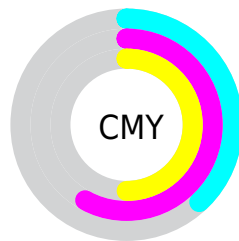
- Red (62%)
- Green (42%)
- Blue (50%)



- Red (62%)
- Yellow (42%)
- Blue (50%)



- Cyan (0%)
- Magenta (32%)
- Yellow (20%)
- Black (38%)





- Cyan (38%)
- Magenta (58%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6284, 0.3573, 0.2985 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 19.6284, 0.3573, 0.2985 by changing the saturation by 10% instead.


 19.6284, 0.3573,
0.2985


 19.6284, 0.3573,
0.2985


249.8963, 0.3319,
0.3157


 12.1252, 0.3649,
0.2934


 42.7933, 0.3472,
0.3053


 6.8290, 0.3757,
0.2862


 59.2238, 0.3437,
0.3077

 3.3554, 0.3921,
0.2755

 79.3988, 0.3408,
0.3096

 1.3200, 0.4197,
0.2578

 103.7028, 0.3384,
0.3113

 0.1566, 0.5966,
0.1305

132.5202, 0.3364,
0.3126

 0.0000, 0.0000,
0.0000

166.2353, 0.3347,

0.3138

205.2325, 0.3332,
0.3148

■ 19.6284, 0.3573,
0.2985

■ 19.6284, 0.3573,
0.2985

■ 16.3283, 0.3776,
0.2888

■ 23.5678, 0.3404,
0.3084

■ 13.6309, 0.4014,
0.2798

■ 28.1753, 0.3264,
0.3180

■ 11.4996, 0.4289,
0.2726


■ 33.4812, 0.3148,
0.3272

■ 9.8932, 0.4592,
0.2682


■ 39.5131, 0.3054,
0.3357


■ 8.7644, 0.4911,
0.2678


■ 46.2972, 0.2976,
0.3436

 8.0574, 0.5224,
0.2723

 53.8582, 0.2912,
0.3508

 7.6916, 0.5460,
0.2781

 62.2199, 0.2859,
0.3574

 71.4049, 0.2815,
0.3634

 81.4350, 0.2778,
0.3689

Harmonies

Analogous

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



19.6284, 0.3136, 0.2729



19.6284, 0.3573, 0.2985



19.6284, 0.3897, 0.3318

Triad

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



19.6284, 0.3573, 0.2985



19.6284, 0.3500, 0.4076



19.6284, 0.2328, 0.2827

Complementary

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



19.6284, 0.3573, 0.2985



29.8841, 0.2825, 0.3620

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.



19.6284, 0.2410, 0.3184



19.6284, 0.3573, 0.2985



19.6284, 0.3071, 0.3958

Square

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



19.6284, 0.3573, 0.2985



19.6284, 0.3843, 0.3952



19.6284, 0.2675, 0.3614



19.6284, 0.2438, 0.2625

Rectangle

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



19.6284, 0.3573, 0.2985



19.6284, 0.3991, 0.3553



19.6284, 0.2675, 0.3614



19.6284, 0.2334, 0.2931

Sweetspot

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



19.6293, 0.3573, 0.2985



52.1511, 0.3240, 0.3198



18.7562, 0.2927, 0.2456



11.4882, 0.3256, 0.3186



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.



19.6293, 0.3573, 0.2985



30.5223, 0.3725, 0.2910



20.4780, 0.3810, 0.3389



6.6850, 0.3229, 0.3207



6.0810, 0.5437, 0.2769



0.1166, 0.4452, 0.2226

Inverse Universe

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



19.6293, 0.3573, 0.2985



30.5223, 0.3725, 0.2910



28.4958, 0.2667, 0.3188



6.6850, 0.3229, 0.3207



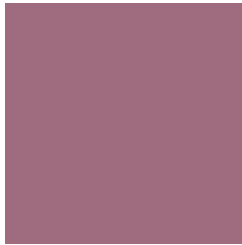
6.0810, 0.5437, 0.2769



0.1166, 0.4452, 0.2226

Previews

White Background



This preview shows how the Yxy color 19.6284, 0.3573, 0.2985 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 19.6284, 0.3573, 0.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

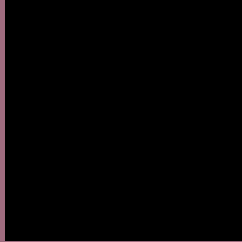
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6284, 0.3573, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 19.6284, 0.3573, 0.2985.



This preview shows how white text looks on a background with the Yxy color 19.6284, 0.3573, 0.2985.

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

19.6284, 0.3573, 0.2985

Protanopia

19.7616, 0.2961, 0.3034

Deuteranopia

19.7427, 0.3245, 0.3183



Tritanopia

19.7290, 0.3677, 0.3161

Trichromacy



Original Color

19.6284, 0.3573, 0.2985

Protanomaly

19.5669, 0.3165, 0.3009

Deuteranomaly

19.6075, 0.3356, 0.3101

Tritanomaly

19.5869, 0.3639, 0.3096

Monochromacy



Original Color

19.6284, 0.3573, 0.2985

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.0184, 0.3271, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6284, 0.3573, 0.2985 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(159, 108, 127)` looks like.

```
.text, #text, p{  
    color:rgb(159, 108, 127)  
}
```

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(159, 108, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 108, 127) }
```

Border

The CSS property to change the border of an element to Yxy 19.6284, 0.3573, 0.2985 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(159, 108, 127) }
```

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

```
.border{ border-color:rgb(159, 108, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 108, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 108, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 108, 127);  
box-shadow:4px 4px 4px 4px rgb(159, 108,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6284, 0.3573, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 108, 127) }
```

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

```
.background{ background-color: rgb(159,  
108, 127) }
```

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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