

Converting Colors

$Y_{xy}(17.8911, 0.3717, 0.3089)$

Have a look what the booklet for
Yxy(17.8911, 0.3717, 0.3089)
contains.

Yxy(18.0062, 0.3720, 0.3093)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(18.0062, 0.3720, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	9C6773
RGB	156, 103, 115
RGB Percent	61%, 40%, 45%
CMY	0.3882, 0.5961, 0.5490
CMYK	0.00, 0.34, 0.26, 0.39
HSL	346°, 21%, 51%
HSV	346°, 34%, 61%
XYZ	21.6563, 18.0062, 18.5534
YIQ	120.2150, 27.7360, 14.9680

Conversions

Conversions Part 2

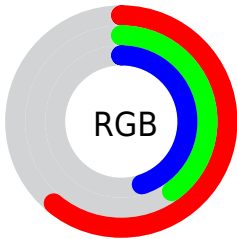
Format	Color
R _Y B	156, 103, 115
Decimal	10250099
CIE Lab	49.50, 23.04, 2.06
CIE LCh	50, 23.137, 5.103
Yxy	18.0062, 0.3720, 0.3093
Android (android.graphics.Color)	4288440179 (0xFF9C6773)
YUV	120.2150, -2.5710, 31.3834
Hunter-Lab	42.4337, 16.8397, 3.7800

Details

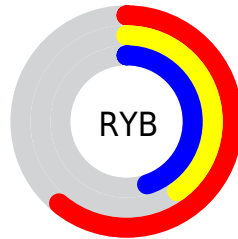
The Yxy color **18.0062, 0.3720, 0.3093** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.6776, 0.2748, 0.3500**, and the grayscale version is **18.8570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2298, 0.3582, 0.3143**, and **6.0212, 0.3977, 0.3004** is the 20% darker color. If you saturate the color by 10%, you get **14.9278, 0.3984, 0.3035**, and if you desaturate by 10%, it is **21.7017, 0.3501, 0.3153**.

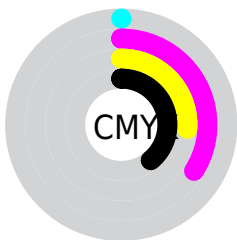
Distribution



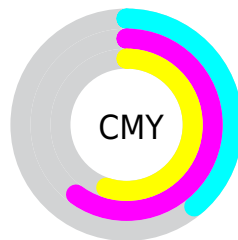
- Red (61%)
- Green (40%)
- Blue (45%)



- Red (61%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (34%)
- Yellow (26%)
- Black (39%)



- Cyan (39%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.0062, 0.3720, 0.3093 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 18.0062, 0.3720, 0.3093 by changing the saturation by 10% instead.


 18.0062, 0.3720,
0.3093


 18.0062, 0.3720,
0.3093


240.9060, 0.3376,
0.3209


 10.9544, 0.3827,
0.3056


 40.0479, 0.3581,
0.3141


 6.0362, 0.3981,
0.3001

 55.8066, 0.3533,
0.3157

 2.8671, 0.4220,
0.2915

 75.2364, 0.3494,
0.3170

 1.0628, 0.4640,
0.2758

 98.7218, 0.3463,
0.3181

 0.0000, 1.0000,
0.0000

126.6470, 0.3436,
0.3190

 0.0000, 0.0000,
0.0000

159.3965, 0.3413,

0.3197

197.3547, 0.3393,
0.3204

■ 18.0062, 0.3720,
0.3093

■ 18.0062, 0.3720,
0.3093

■ 14.9278, 0.3984,
0.3035

■ 21.7017, 0.3501,
0.3153

■ 12.4304, 0.4297,
0.2984

■ 26.0429, 0.3323,
0.3213

■ 10.4778, 0.4656,
0.2949


■ 31.0596, 0.3177,
0.3269


■ 9.0288, 0.5045,
0.2939


■ 36.7791, 0.3059,
0.3321


■ 8.0364, 0.5435,
0.2963


■ 43.2271, 0.2962,
0.3369


 7.4442, 0.5785,
0.3024

 50.4280, 0.2883,
0.3413

 7.1921, 0.5972,
0.3064

 58.4051, 0.2818,
0.3453

 67.1806, 0.2764,
0.3489

 76.7760, 0.2720,
0.3522

Harmonies

Analogous

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



18.0062, 0.3297, 0.2798



18.0062, 0.3720, 0.3093



18.0062, 0.3979, 0.3446

Triad

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



18.0062, 0.3720, 0.3093



18.0062, 0.3356, 0.4081



18.0062, 0.2330, 0.2724

Complementary

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



18.0062, 0.3720, 0.3093



28.6776, 0.2748, 0.3500

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.



18.0062, 0.2344, 0.3037



18.0062, 0.3720, 0.3093



18.0062, 0.2917, 0.3869

Square

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



18.0062, 0.3720, 0.3093



18.0062, 0.3751, 0.4034



18.0062, 0.2551, 0.3465



18.0062, 0.2509, 0.2583

Rectangle

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



18.0062, 0.3720, 0.3093



18.0062, 0.4013, 0.3680



18.0062, 0.2551, 0.3465



18.0062, 0.2313, 0.2811

Sweetspot

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



18.0071, 0.3720, 0.3093



50.5926, 0.3264, 0.3234



17.9980, 0.3010, 0.2431



10.8787, 0.3284, 0.3227



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.



18.0071, 0.3720, 0.3093



28.2298, 0.3923, 0.3047



20.8023, 0.3820, 0.3526



6.6695, 0.3250, 0.3240



5.9279, 0.5954, 0.3054



0.1117, 0.4998, 0.2527

Inverse Universe

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



18.0071, 0.3720, 0.3093



28.2298, 0.3923, 0.3047



24.5926, 0.2626, 0.3039



6.6695, 0.3250, 0.3240



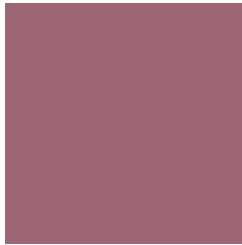
5.9279, 0.5954, 0.3054



0.1117, 0.4998, 0.2527

Previews

White Background



This preview shows how the Yxy color 18.0062, 0.3720, 0.3093 looks on a white background.

Color Contrast Check

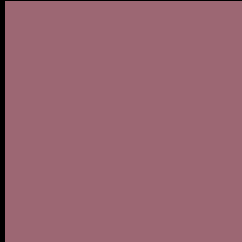
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0062, 0.3720, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

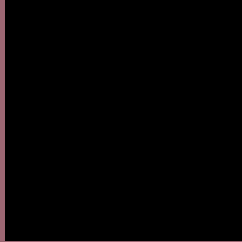
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0062, 0.3720, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 18.0062, 0.3720, 0.3093.



This preview shows how white text looks on a background with the Yxy color 18.0062, 0.3720, 0.3093.

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

18.0062, 0.3720, 0.3093

Protanopia

18.0746, 0.3082, 0.3175

Deuteranopia

18.0522, 0.3365, 0.3309



Tritanopia

18.1162, 0.3774, 0.3176

Trichromacy



Original Color

18.0062, 0.3720, 0.3093

Protanomaly

17.8499, 0.3293, 0.3144

Deuteranomaly

17.9422, 0.3486, 0.3220

Tritanomaly

18.1384, 0.3759, 0.3159

Monochromacy



Original Color

18.0062, 0.3720, 0.3093

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.3292, 0.3328, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0062, 0.3720, 0.3093 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(156, 103, 115)` looks like.

```
.text, #text, p{  
    color:rgb(156, 103, 115)  
}
```

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(156, 103, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 103, 115) }
```

Border

The CSS property to change the border of an element to Yxy 18.0062, 0.3720, 0.3093 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(156, 103, 115) }
```

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

```
.border{ border-color:rgb(156, 103, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 103, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 103, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 103, 115);  
box-shadow:4px 4px 4px 4px rgb(156, 103,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0062, 0.3720, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 103, 115) }
```

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

```
.background{ background-color: rgb(156,  
103, 115) }
```

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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