

Converting Colors

$Y_{xy}(18.4466, 0.3752, 0.2884)$

Have a look what the booklet for
Yxy(18.4466, 0.3752, 0.2884)
contains.

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Color

Yxy(18.4061, 0.3758, 0.2889)

Conversions

Conversions Part 1

Format	Color
Hex	A7627C
RGB	167, 98, 124
RGB Percent	65%, 38%, 49%
CMY	0.3451, 0.6157, 0.5137
CMYK	0.00, 0.41, 0.26, 0.35
HSL	337°, 28%, 52%
HSV	337°, 41%, 65%
XYZ	23.9426, 18.4061, 21.3623
YIQ	121.5950, 32.7780, 22.7140

Conversions

Conversions Part 2

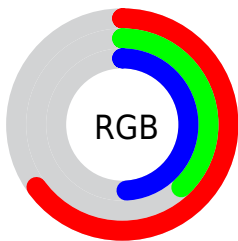
Format	Color
RYB	167, 98, 124
Decimal	10969724
CIELab	49.99, 31.36, -2.45
CIELCh	50, 31.454, 355.538
Yxy	18.4061, 0.3758, 0.2889
Android (android.graphics.Color)	4289159804 (0xFFA7627C)
YUV	121.5950, 1.1857, 39.8202
Hunter-Lab	42.9023, 24.5367, 0.5095

Details

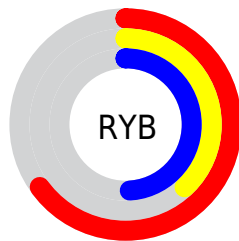
The Yxy color **18.4061, 0.3758, 0.2889** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.1574, 0.2752, 0.3740**, and the grayscale version is **19.3121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.7946, 0.3622, 0.2986**, and **6.2153, 0.4032, 0.2730** is the 20% darker color. If you saturate the color by 10%, you get **15.3515, 0.3994, 0.2797**, and if you desaturate by 10%, it is **22.1423, 0.3558, 0.2988**.

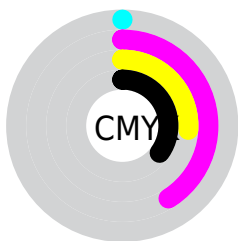
Distribution



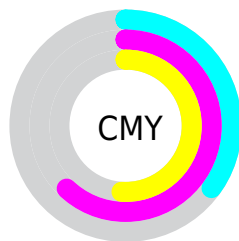
- Red (65%)
- Green (38%)
- Blue (49%)



- Red (65%)
- Yellow (38%)
- Blue (49%)



- Cyan (0%)
- Magenta (41%)
- Yellow (26%)
- Black (35%)




- Cyan (35%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.4061, 0.3758, 0.2889 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 18.4061, 0.3758, 0.2889 by changing the saturation by 10% instead.


 18.4061, 0.3758,
0.2889


 18.4061, 0.3758,
0.2889


243.1502, 0.3396,
0.3117


 11.2419, 0.3868,
0.2821


 40.7281, 0.3613,
0.2979


 6.2298, 0.4024,
0.2725


 56.6547, 0.3563,
0.3011

 2.9853, 0.4262,
0.2581

 76.2710, 0.3522,
0.3037

 1.1241, 0.4668,
0.2342

 99.9612, 0.3489,
0.3058

 0.0000, 0.8186,
0.0000

128.1099, 0.3460,
0.3076

 0.0000, 0.0000,
0.0000

161.1013, 0.3436,

0.3092

199.3200, 0.3415,
0.3105

■ 18.4061, 0.3758,
0.2889

■ 18.4061, 0.3758,
0.2889

■ 15.3515, 0.3994,
0.2797

■ 22.1423, 0.3558,
0.2988

■ 12.9340, 0.4265,
0.2722

■ 26.5955, 0.3392,
0.3089

■ 11.1082, 0.4566,
0.2676


■ 31.8020, 0.3254,
0.3186


■ 9.8213, 0.4883,
0.2669

■ 37.7947, 0.3140,
0.3278

■ 9.0109, 0.5196,
0.2711


■ 44.6045, 0.3047,
0.3364

 8.5738, 0.5453,
0.2778

 52.2609, 0.2971,
0.3444

 60.7917, 0.2908,
0.3516

 70.2234, 0.2856,
0.3583

 80.5815, 0.2813,
0.3644

Harmonies

Analogous

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



18.4061, 0.3151, 0.2552



18.4061, 0.3758, 0.2889



18.4061, 0.4203, 0.3324

Triad

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



18.4061, 0.3758, 0.2889



18.4061, 0.3598, 0.4384



18.4061, 0.2061, 0.2632

Complementary

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



18.4061, 0.3758, 0.2889



32.1574, 0.2752, 0.3740

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.



18.4061, 0.2153, 0.3106



18.4061, 0.3758, 0.2889



18.4061, 0.3014, 0.4225

Square

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



18.4061, 0.3758, 0.2889



18.4061, 0.4082, 0.4186



18.4061, 0.2489, 0.3718



18.4061, 0.2212, 0.2389

Rectangle

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



18.4061, 0.3758, 0.2889



18.4061, 0.4320, 0.3634



18.4061, 0.2489, 0.3718



18.4061, 0.2064, 0.2766

Sweetspot

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



18.4070, 0.3758, 0.2889



56.0573, 0.3265, 0.3177



17.1495, 0.2849, 0.2196



12.2730, 0.3281, 0.3166



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



18.4070, 0.3758, 0.2889



27.6949, 0.3983, 0.2801



19.4164, 0.4103, 0.3419



7.5873, 0.3229, 0.3205



6.5696, 0.5428, 0.2764



0.1698, 0.4552, 0.2281

Inverse Universe

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



18.4070, 0.3758, 0.2889



27.6949, 0.3983, 0.2801



30.1663, 0.2551, 0.3153



7.5873, 0.3229, 0.3205



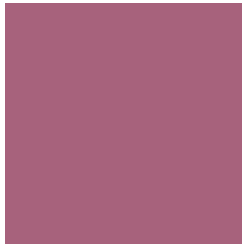
6.5696, 0.5428, 0.2764



0.1698, 0.4552, 0.2281

Previews

White Background



This preview shows how the Yxy color 18.4061, 0.3758, 0.2889 looks on a white background.

Color Contrast Check

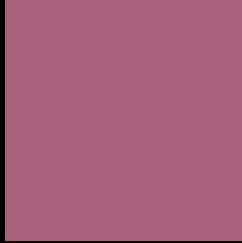
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4061, 0.3758, 0.2889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

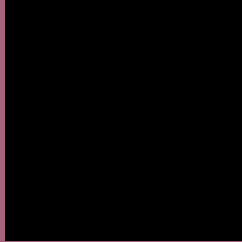
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4061, 0.3758, 0.2889

Background



This preview shows how black text looks on a background with the Yxy color 18.4061, 0.3758, 0.2889.



This preview shows how white text looks on a background with the Yxy color 18.4061, 0.3758, 0.2889.

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

18.4061, 0.3758, 0.2889

Protanopia

18.4760, 0.2891, 0.2935

Deuteranopia

18.6171, 0.3248, 0.3198



Tritanopia

18.3894, 0.3958, 0.3182

Trichromacy



Original Color

18.4061, 0.3758, 0.2889

Protanomaly

18.1857, 0.3184, 0.2918

Deuteranomaly

18.1821, 0.3422, 0.3064

Tritanomaly

18.4362, 0.3886, 0.3072

Monochromacy



Original Color

18.4061, 0.3758, 0.2889

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.6436, 0.3333, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4061, 0.3758, 0.2889 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(167, 98, 124)` looks like.

```
.text, #text, p{  
    color:rgb(167, 98, 124)  
}
```

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(167, 98, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 98, 124) }
```

Border

The CSS property to change the border of an element to Yxy 18.4061, 0.3758, 0.2889 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(167, 98, 124) }
```

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

```
.border{ border-color:rgb(167, 98, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 98, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 98, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 98, 124);  
box-shadow:4px 4px 4px 4px rgb(167, 98,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4061, 0.3758, 0.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 98, 124) }
```

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

```
.background{ background-color: rgb(167, 98,  
124) }
```

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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