

Converting Colors

$Y_{xy}(17.9351, 0.4069, 0.3362)$

Have a look what the booklet for
Yxy(17.9351, 0.4069, 0.3362)
contains.

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Color

Yxy(18.0472, 0.4077, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	A26661
RGB	162, 102, 97
RGB Percent	64%, 40%, 38%
CMY	0.3646, 0.6000, 0.6196
CMYK	0.00, 0.37, 0.40, 0.36
HSL	5°, 26%, 51%
HSV	5°, 40%, 64%
XYZ	21.8139, 18.0472, 13.6437
YIQ	119.3700, 37.3650, 11.1650

Conversions

Conversions Part 2

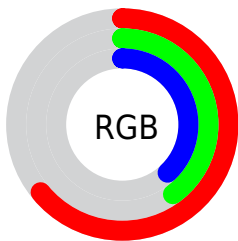
Format	Color
R_{YB}	162, 102, 97
Decimal	10643041
CIE _{Lab}	49.55, 23.57, 12.94
CIE _{LCh}	50, 26.889, 28.769
Yxy	18.0472, 0.4077, 0.3373
Android (android.graphics.Color)	4288833121 (0xFFA26661)
YUV	119.3700, -11.0284, 37.3865
Hunter-Lab	42.4820, 17.3139, 10.6955

Details

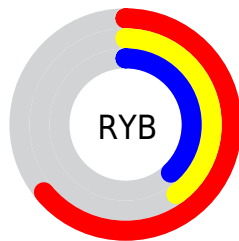
The Yxy color **18.0472, 0.4077, 0.3373** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.2806, 0.2573, 0.3203**, and the grayscale version is **18.5984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3094, 0.3850, 0.3365**, and **6.0655, 0.4490, 0.3362** is the 20% darker color. If you saturate the color by 10%, you get **15.0964, 0.4447, 0.3392**, and if you desaturate by 10%, it is **21.5922, 0.3765, 0.3352**.

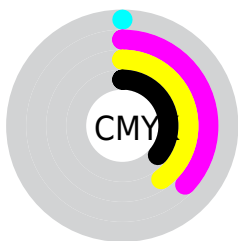
Distribution



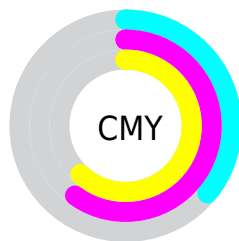
- Red (64%)
- Green (40%)
- Blue (38%)



- Red (64%)
- Yellow (40%)
- Blue (38%)



- Cyan (0%)
- Magenta (37%)
- Yellow (40%)
- Black (36%)





- Cyan (36%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0472, 0.4077, 0.3373 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 18.0472, 0.4077, 0.3373 by changing the saturation by 10% instead.


 18.0472, 0.4077,
0.3373


 18.0472, 0.4077,
0.3373


241.1370, 0.3522,
0.3341


 10.9839, 0.4250,
0.3374


 40.1177, 0.3852,
0.3366


 6.0560, 0.4497,
0.3367

 55.8937, 0.3775,
0.3361

 2.8792, 0.4875,
0.3339

 75.3428, 0.3713,
0.3357

 1.0690, 0.5801,
0.3411

 98.8492, 0.3662,
0.3353

 0.0000, 1.0000,
0.0000

126.7974, 0.3618,
0.3350

 0.0000, 0.0000,
0.0000

159.5719, 0.3582,

0.3347

197.5569, 0.3550,
0.3344

■ 18.0472, 0.4077,
0.3373

■ 18.0472, 0.4077,
0.3373

■ 15.0964, 0.4447,
0.3392

■ 21.5922, 0.3765,
0.3352

■ 12.7048, 0.4870,
0.3405

■ 25.7586, 0.3508,
0.3330

■ 10.8379, 0.5321,
0.3409


■ 30.5752, 0.3299,
0.3310


■ 9.4560, 0.5752,
0.3399


■ 36.0682, 0.3129,
0.3290

■ 8.5142, 0.6102,
0.3374

■ 42.2622, 0.2991,
0.3273

 7.9577, 0.6336,
0.3351

 49.1809, 0.2878,
0.3257

 56.8466, 0.2785,
0.3242

 65.2807, 0.2709,
0.3229

 74.5037, 0.2645,
0.3218

Harmonies

Analogous

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



18.0472, 0.3722, 0.2982



18.0472, 0.4077, 0.3373



18.0472, 0.4146, 0.3776

Triad

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



18.0472, 0.4077, 0.3373



18.0472, 0.2983, 0.4048



18.0472, 0.2356, 0.2494

Complementary

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



18.0472, 0.4077, 0.3373



29.2806, 0.2573, 0.3203

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.



18.0472, 0.2199, 0.2692



18.0472, 0.4077, 0.3373



18.0472, 0.2536, 0.3602

Square

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



18.0472, 0.4077, 0.3373



18.0472, 0.3491, 0.4227



18.0472, 0.2260, 0.3087



18.0472, 0.2712, 0.2494

Rectangle

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



18.0472, 0.4077, 0.3373



18.0472, 0.4025, 0.4008



18.0472, 0.2260, 0.3087



18.0472, 0.2280, 0.2537

Sweetspot

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



18.0481, 0.4077, 0.3373



53.5524, 0.3339, 0.3314



18.6927, 0.3226, 0.2381



11.7802, 0.3364, 0.3316



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



18.0481, 0.4077, 0.3373



27.9926, 0.4399, 0.3390



25.5569, 0.3873, 0.3871



7.1692, 0.3283, 0.3308



6.2942, 0.6327, 0.3358



0.1569, 0.6014, 0.3607

Inverse Universe

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



29.2806, 0.2573, 0.3203



51.1750, 0.2477, 0.3182



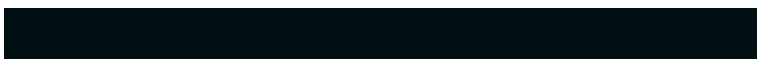
19.8646, 0.2484, 0.2624



7.9179, 0.2988, 0.3272



19.1630, 0.2182, 0.3053



0.4282, 0.2207, 0.3145

Previews

White Background



This preview shows how the Yxy color 18.0472, 0.4077, 0.3373 looks on a white background.

Color Contrast Check

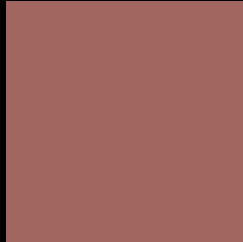
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0472, 0.4077, 0.3373 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 18.0472, 0.4077, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 18.0472, 0.4077, 0.3373.

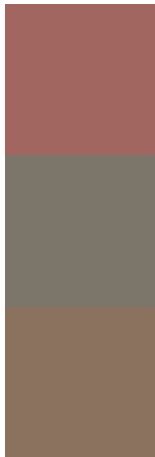


This preview shows how white text looks on a background with the Yxy color 18.0472, 0.4077, 0.3373.

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

18.0472, 0.4077, 0.3373

Protanopia

18.1877, 0.3349, 0.3542

Deuteranopia

18.2641, 0.3698, 0.3638



Tritanopia

17.9836, 0.3936, 0.3164

Trichromacy



Original Color

18.0472, 0.4077, 0.3373

Protanomaly

17.8660, 0.3600, 0.3475

Deuteranomaly

18.1994, 0.3832, 0.3537

Tritanomaly

18.0934, 0.3991, 0.3245

Monochromacy



Original Color

18.0472, 0.4077, 0.3373

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.1088, 0.3448, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0472, 0.4077, 0.3373 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(162, 102, 97)` looks like.

```
.text, #text, p{  
    color:rgb(162, 102, 97)  
}
```

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(162, 102, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 102, 97) }
```

Border

The CSS property to change the border of an element to Yxy 18.0472, 0.4077, 0.3373 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(162, 102, 97) }
```

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

```
.border{ border-color:rgb(162, 102, 97) }
```

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

Here you see how a box with a 4 pixel rgb(162, 102, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 102, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 102, 97);  
box-shadow:4px 4px 4px 4px rgb(162, 102,  
97) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 18.0472, 0.4077, 0.3373$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 102, 97) }
```

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

```
.background{ background-color: rgb(162,  
102, 97) }
```

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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