

Converting Colors

$Y_{xy}(18.4093, 0.4292, 0.3389)$

Have a look what the booklet for
Yxy(18.4093, 0.4292, 0.3389)
contains.

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Color

Yxy(18.3719, 0.4280, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	AB635D
RGB	171, 99, 93
RGB Percent	67%, 39%, 36%
CMY	0.3295, 0.6117, 0.6354
CMYK	0.00, 0.42, 0.46, 0.33
HSL	5°, 32%, 52%
HSV	5°, 46%, 67%
XYZ	23.2295, 18.3719, 12.6731
YIQ	119.8440, 44.8380, 13.3980

Conversions

Conversions Part 2

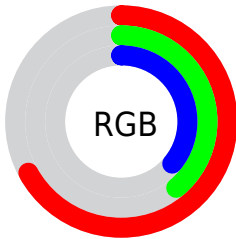
Format	Color
R_{YB}	171, 100, 93
Decimal	11232093
CIE Lab	49.94, 28.37, 16.05
CIE LCh	50, 32.593, 29.495
Yxy	18.3719, 0.4280, 0.3385
Android (android.graphics.Color)	4289422173 (0xFFAB635D)
YUV	119.8440, -13.2341, 44.8638
Hunter-Lab	42.8625, 21.7294, 12.4735

Details

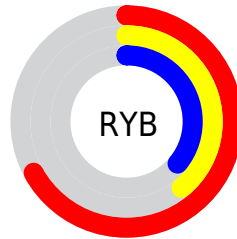
The Yxy color **18.3719, 0.4280, 0.3385** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.1596, 0.2509, 0.3188**, and the grayscale version is **18.7627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.7744, 0.4014, 0.3386**, and **6.1994, 0.4794, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **15.3996, 0.4683, 0.3401**, and if you desaturate by 10%, it is **21.9977, 0.3934, 0.3365**.

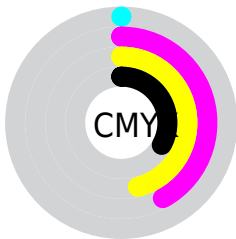
Distribution



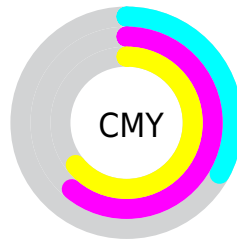
- Red (67%)
- Green (39%)
- Blue (36%)



- Red (67%)
- Yellow (39%)
- Blue (36%)



- Cyan (0%)
- Magenta (42%)
- Yellow (46%)
- Black (33%)





- Cyan (33%)
- Magenta (61%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3719, 0.4280, 0.3385 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 18.3719, 0.4280, 0.3385 by changing the saturation by 10% instead.


 18.3719, 0.4280,
0.3385


 18.3719, 0.4280,
0.3385


242.9590, 0.3609,
0.3354


 11.2173, 0.4486,
0.3381


 40.6700, 0.4009,
0.3381


 6.2132, 0.4778,
0.3364

 56.5824, 0.3916,
0.3377

 2.9752, 0.5217,
0.3314

 76.1827, 0.3841,
0.3372

 1.1188, 0.6367,
0.3400

 99.8555, 0.3778,
0.3368

 0.0000, 1.0000,
0.0000

127.9852, 0.3726,
0.3364

 0.0000, 0.0000,
0.0000

160.9560, 0.3681,

0.3361

199.1525, 0.3643,
0.3357

■ 18.3719, 0.4280,
0.3385

■ 18.3719, 0.4280,
0.3385

■ 15.3996, 0.4683,
0.3401

■ 21.9977, 0.3934,
0.3365

■ 13.0394, 0.5128,
0.3410

■ 26.3099, 0.3645,
0.3343

■ 11.2494, 0.5576,
0.3406


■ 31.3422, 0.3410,
0.3321

■ 9.9812, 0.5970,
0.3387


■ 37.1256, 0.3218,
0.3301

■ 9.1779, 0.6247,
0.3356


■ 43.6891, 0.3063,
0.3282

 8.9501, 0.6338,
0.3349

 51.0602, 0.2937,
0.3265

 59.2650, 0.2833,
0.3249

 68.3285, 0.2748,
0.3236

 78.2747, 0.2677,
0.3223

Harmonies

Analogous

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



18.3719, 0.3856, 0.2930



18.3719, 0.4280, 0.3385



18.3719, 0.4347, 0.3859

Triad

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



18.3719, 0.4280, 0.3385



18.3719, 0.2929, 0.4211



18.3719, 0.2221, 0.2344

Complementary

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



18.3719, 0.4280, 0.3385



32.1596, 0.2509, 0.3188

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.



18.3719, 0.2033, 0.2561



18.3719, 0.4280, 0.3385



18.3719, 0.2407, 0.3649

Square

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



18.3719, 0.4280, 0.3385



18.3719, 0.3535, 0.4427



18.3719, 0.2094, 0.3020



18.3719, 0.2640, 0.2356

Rectangle

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



18.3719, 0.4280, 0.3385



18.3719, 0.4188, 0.4141



18.3719, 0.2094, 0.3020



18.3719, 0.2131, 0.2389

Sweetspot

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



18.3728, 0.4280, 0.3385



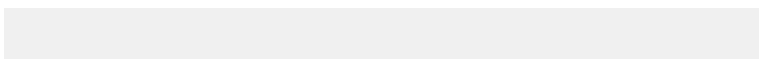
57.4837, 0.3381, 0.3318



19.2272, 0.3242, 0.2261



12.3632, 0.3425, 0.3323



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



18.3728, 0.4280, 0.3385



27.4177, 0.4698, 0.3402



27.3903, 0.4002, 0.3952



8.1112, 0.3284, 0.3308



6.7810, 0.6329, 0.3356



0.2201, 0.6045, 0.3582

Inverse Universe

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



32.1596, 0.2509, 0.3188



55.2593, 0.2406, 0.3162



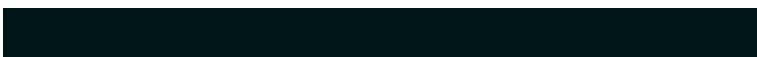
20.3889, 0.2391, 0.2510



8.9645, 0.2986, 0.3272



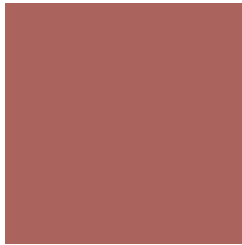
20.6279, 0.2181, 0.3050



0.6044, 0.2202, 0.3128

Previews

White Background



This preview shows how the Yxy color 18.3719, 0.4280, 0.3385 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 18.3719, 0.4280, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

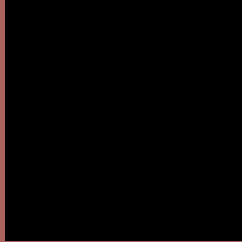
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.3719, 0.4280, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 18.3719, 0.4280, 0.3385.

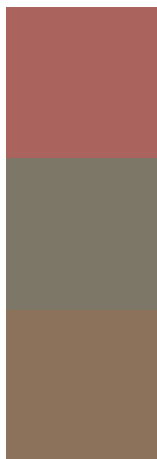


This preview shows how white text looks on a background with the Yxy color 18.3719, 0.4280, 0.3385.

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

18.3719, 0.4280, 0.3385

Protanopia

18.5329, 0.3397, 0.3597

Deuteranopia

18.3483, 0.3792, 0.3725



Tritanopia

18.3195, 0.4138, 0.3187

Trichromacy



Original Color

18.3719, 0.4280, 0.3385

Protanomaly

18.2400, 0.3710, 0.3524

Deuteranomaly

18.2719, 0.3964, 0.3600

Tritanomaly

18.4261, 0.4193, 0.3263

Monochromacy



Original Color

18.3719, 0.4280, 0.3385

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.2031, 0.3520, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3719, 0.4280, 0.3385 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(171, 99, 93)` looks like.

```
.text, #text, p{  
    color:rgb(171, 99, 93)  
}
```

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(171, 99, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 99, 93) }
```

Border

The CSS property to change the border of an element to Yxy 18.3719, 0.4280, 0.3385 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(171, 99, 93) }
```

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

```
.border{ border-color:rgb(171, 99, 93) }
```

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

Here you see how a box with a 4 pixel rgb(171, 99, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 99, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 99, 93);  
box-shadow:4px 4px 4px 4px rgb(171, 99,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3719, 0.4280, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 99, 93) }
```

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

```
.background{ background-color: rgb(171, 99,  
93) }
```

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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