

Converting Colors

$Y_{xy}(18.4594, 0.4106, 0.3269)$

Have a look what the booklet for
Yxy(18.4594, 0.4106, 0.3269)
contains.

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Color

Yxy(18.3985, 0.4096, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	A86466
RGB	168, 100, 102
RGB Percent	66%, 39%, 40%
CMY	0.3412, 0.6078, 0.6000
CMYK	0.00, 0.40, 0.39, 0.34
HSL	358°, 28%, 53%
HSV	358°, 40%, 66%
XYZ	23.1025, 18.3985, 14.9015
YIQ	120.5600, 39.8860, 15.0380

Conversions

Conversions Part 2

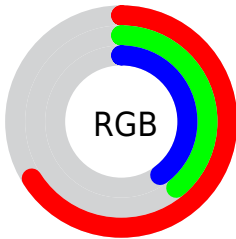
Format	Color
R_{YB}	168, 100, 102
Decimal	11035750
CIE _{Lab}	49.98, 27.66, 10.68
CIE _{LCh}	50, 29.653, 21.120
Yxy	18.3985, 0.4096, 0.3262
Android (android.graphics.Color)	4289225830 (0xFFA86466)
YUV	120.5600, -9.1501, 41.6049
Hunter-Lab	42.8935, 21.0767, 9.4276

Details

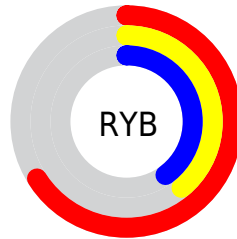
The Yxy color **18.3985, 0.4096, 0.3262** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.4663, 0.2594, 0.3321**, and the grayscale version is **18.9922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.7639, 0.3865, 0.3280**, and **6.2425, 0.4515, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **15.2096, 0.4480, 0.3257**, and if you desaturate by 10%, it is **22.3174, 0.3775, 0.3269**.

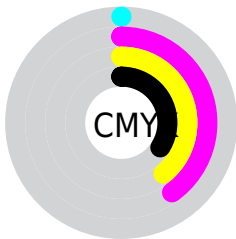
Distribution



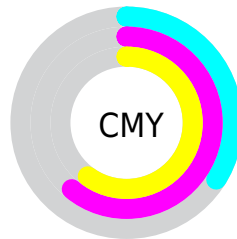
- Red (66%)
- Green (39%)
- Blue (40%)



- Red (66%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (40%)
- Yellow (39%)
- Black (34%)




- Cyan (34%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3985, 0.4096, 0.3262 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 18.3985, 0.4096, 0.3262 by changing the saturation by 10% instead.


 18.3985, 0.4096,
0.3262


 18.3985, 0.4096,
0.3262


243.1077, 0.3532,
0.3293


 11.2365, 0.4271,
0.3245

 40.7152, 0.3868,
0.3279


 6.2261, 0.4520,
0.3214

 56.6387, 0.3790,
0.3284

 2.9831, 0.4902,
0.3152

 76.2514, 0.3726,
0.3287

 1.1229, 0.5673,
0.3078

 99.9377, 0.3674,
0.3289

 0.0000, 1.0000,
0.0000

128.0822, 0.3630,
0.3290

 0.0000, 0.0000,
0.0000

161.0690, 0.3593,

0.3291

199.2827, 0.3560,
0.3292

■ 18.3985, 0.4096,
0.3262

■ 18.3985, 0.4096,
0.3262

■ 15.2096, 0.4480,
0.3257

■ 22.3174, 0.3775,
0.3269

■ 12.7030, 0.4919,
0.3254

■ 27.0045, 0.3514,
0.3276

■ 10.8298, 0.5385,
0.3255


■ 32.4989, 0.3303,
0.3283


■ 9.5334, 0.5823,
0.3262

■ 38.8359, 0.3134,
0.3290

■ 8.7472, 0.6163,
0.3274


■ 46.0491, 0.2998,
0.3296

 8.3348, 0.6366,
0.3281

 54.1699, 0.2889,
0.3302

 63.2283, 0.2800,
0.3307

 73.2530, 0.2727,
0.3311

 84.2714, 0.2666,
0.3315

Harmonies

Analogous

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



18.3985, 0.3643, 0.2856



18.3985, 0.4096, 0.3262



18.3985, 0.4256, 0.3702

Triad

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



18.3985, 0.4096, 0.3262



18.3985, 0.3105, 0.4212



18.3985, 0.2224, 0.2457

Complementary

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



18.3985, 0.4096, 0.3262



33.4663, 0.2594, 0.3321

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.



18.3985, 0.2113, 0.2724



18.3985, 0.4096, 0.3262



18.3985, 0.2590, 0.3776

Square

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



18.3985, 0.4096, 0.3262



18.3985, 0.3653, 0.4312



18.3985, 0.2238, 0.3200



18.3985, 0.2556, 0.2408

Rectangle

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



18.3985, 0.4096, 0.3262



18.3985, 0.4174, 0.3975



18.3985, 0.2238, 0.3200



18.3985, 0.2161, 0.2521

Sweetspot

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



18.3994, 0.4096, 0.3262



57.1234, 0.3337, 0.3282



20.0206, 0.3145, 0.2307



12.1729, 0.3361, 0.3281



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.



18.3994, 0.4096, 0.3262



27.8976, 0.4457, 0.3257



25.6752, 0.3924, 0.3779



7.5457, 0.3281, 0.3284



6.2960, 0.6361, 0.3278



0.1543, 0.6181, 0.3179

Inverse Universe

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



18.3994, 0.4096, 0.3262



27.8976, 0.4457, 0.3257



23.2206, 0.2496, 0.2738



7.5457, 0.3281, 0.3284



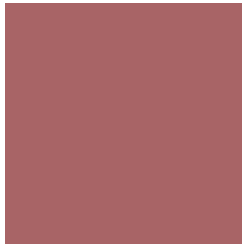
6.2960, 0.6361, 0.3278



0.1543, 0.6181, 0.3179

Previews

White Background



This preview shows how the Yxy color 18.3985, 0.4096, 0.3262 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 18.3985, 0.4096, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

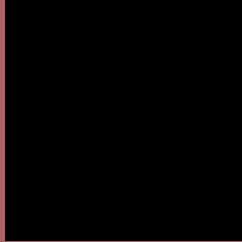
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.3985, 0.4096, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 18.3985, 0.4096, 0.3262.



This preview shows how white text looks on a background with the Yxy color 18.3985, 0.4096, 0.3262.

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

18.3985, 0.4096, 0.3262

Protanopia

18.5745, 0.3261, 0.3424

Deuteranopia

18.5656, 0.3640, 0.3582



Tritanopia

18.3100, 0.4025, 0.3168

Trichromacy



Original Color

18.3985, 0.4096, 0.3262

Protanomaly

18.1600, 0.3547, 0.3363

Deuteranomaly

18.4615, 0.3804, 0.3465

Tritanomaly

18.2684, 0.4056, 0.3199

Monochromacy



Original Color

18.3985, 0.4096, 0.3262

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.4284, 0.3450, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3985, 0.4096, 0.3262 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(168, 100, 102)` looks like.

```
.text, #text, p{  
    color:rgb(168, 100, 102)  
}
```

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(168, 100, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 100, 102) }
```

Border

The CSS property to change the border of an element to Yxy 18.3985, 0.4096, 0.3262 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(168, 100, 102) }
```

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

```
.border{ border-color:rgb(168, 100, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 100, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 100, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 100, 102);  
box-shadow:4px 4px 4px 4px rgb(168, 100,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3985, 0.4096, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 100, 102) }
```

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

```
.background{ background-color: rgb(168,  
100, 102) }
```

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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