

Converting Colors

$Y_{xy}(18.1566, 0.4115, 0.3273)$

Have a look what the booklet for
Yxy(18.1566, 0.4115, 0.3273)
contains.

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Color

Yxy(18.0788, 0.4104, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	A76365
RGB	167, 99, 101
RGB Percent	65%, 39%, 40%
CMY	0.3451, 0.6117, 0.6040
CMYK	0.00, 0.41, 0.40, 0.35
HSL	358°, 28%, 52%
HSV	358°, 41%, 65%
XYZ	22.7454, 18.0788, 14.5983
YIQ	119.5600, 39.8860, 15.0380

Conversions

Conversions Part 2

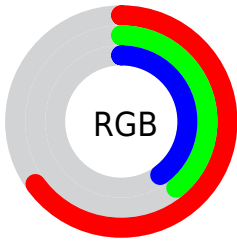
Format	Color
R_{YB}	167, 99, 101
Decimal	10969957
CIE Lab	49.59, 27.70, 10.73
CIE LCh	50, 29.705, 21.166
Yxy	18.0788, 0.4104, 0.3262
Android (android.graphics.Color)	4289160037 (0xFFA76365)
YUV	119.5600, -9.1501, 41.6049
Hunter-Lab	42.5192, 21.0789, 9.4072

Details

The Yxy color **18.0788, 0.4104, 0.3262** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.0054, 0.2592, 0.3321**, and the grayscale version is **18.6553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2475, 0.3869, 0.3280**, and **6.0787, 0.4532, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **14.9486, 0.4489, 0.3257**, and if you desaturate by 10%, it is **21.9278, 0.3782, 0.3269**.

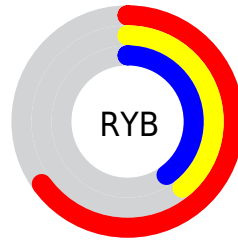
Distribution



Red (65%)

Green (39%)

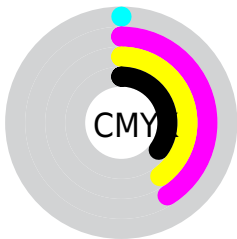
Blue (40%)



Red (65%)

Yellow (39%)

Blue (40%)

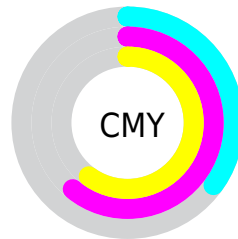


Cyan (0%)

Magenta (41%)

Yellow (40%)

Black (35%)



Cyan (35%)


Magenta (61%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.0788, 0.4104, 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 18.0788, 0.4104, 0.3262 by changing the saturation by 10% instead.


 18.0788, 0.4104,
0.3262


 18.0788, 0.4104,
0.3262


241.3148, 0.3534,
0.3293


 11.0066, 0.4281,
0.3244


 40.1716, 0.3873,
0.3279

 6.0713, 0.4535,
0.3212

 55.9609, 0.3794,
0.3284

 2.8885, 0.4924,
0.3149

 75.4247, 0.3730,
0.3287

 1.0738, 0.5745,
0.3087

 98.9474, 0.3677,
0.3289

 0.0000, 1.0000,
0.0000

126.9133, 0.3633,
0.3291

 0.0000, 0.0000,
0.0000

159.7070, 0.3595,

0.3292

197.7127, 0.3563,
0.3293

■ 18.0788, 0.4104,
0.3262

■ 18.0788, 0.4104,
0.3262

■ 14.9486, 0.4489,
0.3257

■ 21.9278, 0.3782,
0.3269

■ 12.4901, 0.4930,
0.3254

■ 26.5334, 0.3519,
0.3276

■ 10.6551, 0.5395,
0.3256


■ 31.9340, 0.3308,
0.3283


■ 9.3874, 0.5831,
0.3263


■ 38.1647, 0.3138,
0.3290


■ 8.6212, 0.6168,
0.3275


■ 45.2585, 0.3001,
0.3296

 8.2253, 0.6366,
0.3281

 53.2464, 0.2891,
0.3301

 62.1581, 0.2802,
0.3306

 72.0218, 0.2728,
0.3311

 82.8645, 0.2668,
0.3315

Harmonies

Analogous

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



18.0788, 0.3648, 0.2854



18.0788, 0.4104, 0.3262



18.0788, 0.4265, 0.3705

Triad

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



18.0788, 0.4104, 0.3262



18.0788, 0.3104, 0.4219



18.0788, 0.2218, 0.2450

Complementary

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



18.0788, 0.4104, 0.3262



33.0054, 0.2592, 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.



18.0788, 0.2106, 0.2719



18.0788, 0.4104, 0.3262



18.0788, 0.2585, 0.3779

Square

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



18.0788, 0.4104, 0.3262



18.0788, 0.3656, 0.4320



18.0788, 0.2231, 0.3198



18.0788, 0.2552, 0.2402

Rectangle

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



18.0788, 0.4104, 0.3262



18.0788, 0.4181, 0.3980



18.0788, 0.2231, 0.3198



18.0788, 0.2155, 0.2515

Sweetspot

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



18.0797, 0.4104, 0.3262



55.6451, 0.3337, 0.3282



19.6855, 0.3145, 0.2302



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.



18.0797, 0.4104, 0.3262



27.1891, 0.4455, 0.3257



25.2775, 0.3930, 0.3781



7.5457, 0.3281, 0.3284



6.2960, 0.6361, 0.3278



0.1543, 0.6182, 0.3179

Inverse Universe

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



18.0797, 0.4104, 0.3262



27.1891, 0.4455, 0.3257



22.8458, 0.2493, 0.2735



7.5457, 0.3281, 0.3284



6.2960, 0.6361, 0.3278



0.1543, 0.6182, 0.3179

Previews

White Background



This preview shows how the Yxy color 18.0788, 0.4104, 0.3262 looks on a white background.

Color Contrast Check

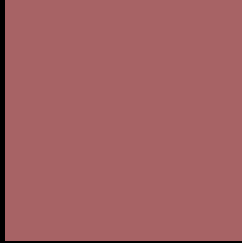
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0788, 0.4104, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

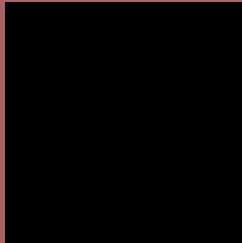
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0788, 0.4104, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 18.0788, 0.4104, 0.3262.



This preview shows how white text looks on a background with the Yxy color 18.0788, 0.4104, 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

18.0788, 0.4104, 0.3262

Protanopia

18.2421, 0.3262, 0.3425

Deuteranopia

18.2348, 0.3644, 0.3585



Tritanopia

17.9915, 0.4033, 0.3168

Trichromacy



Original Color

18.0788, 0.4104, 0.3262

Protanomaly

17.8337, 0.3550, 0.3364

Deuteranomaly

18.1340, 0.3810, 0.3466

Tritanomaly

17.9503, 0.4064, 0.3199

Monochromacy



Original Color

18.0788, 0.4104, 0.3262

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.0990, 0.3452, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0788, 0.4104, 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(167, 99, 101)` looks like.

```
.text, #text, p{  
    color:rgb(167, 99, 101)  
}
```

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, 99, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 99, 101) }
```

Border

The CSS property to change the border of an element to Yxy 18.0788, 0.4104, 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(167, 99, 101) }
```

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

```
.border{ border-color:rgb(167, 99, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 99, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 99, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 99, 101);  
box-shadow:4px 4px 4px 4px rgb(167, 99,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0788, 0.4104, 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(167, 99, 101) }
```

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

```
.background{ background-color: rgb(167, 99,  
101) }
```

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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