

Converting Colors

$Y_{xy}(18.4187, 0.3669, 0.3317)$

Have a look what the booklet for
Yxy(18.4187, 0.3669, 0.3317)
contains.

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Color

Yxy(18.4376, 0.3665, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	936E6C
RGB	147, 110, 108
RGB Percent	58%, 43%, 42%
CMY	0.4235, 0.5686, 0.5764
CMYK	0.00, 0.25, 0.27, 0.42
HSL	3°, 15%, 50%
HSV	3°, 27%, 58%
XYZ	20.3168, 18.4376, 16.6803
YIQ	120.8350, 22.6940, 7.2220

Conversions

Conversions Part 2

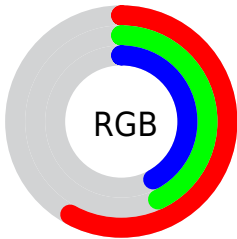
Format	Color
R_{YB}	147, 110, 108
Decimal	9662060
CIE _{Lab}	50.02, 14.38, 6.82
CIE _{LCh}	50, 15.911, 25.369
Yxy	18.4376, 0.3665, 0.3326
Android (android.graphics.Color)	4287852140 (0xFF936E6C)
YUV	120.8350, -6.3277, 22.9467
Hunter-Lab	42.9390, 9.3150, 7.0252

Details

The Yxy color **18.4376, 0.3665, 0.3326** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.5546, 0.2748, 0.3254**, and the grayscale version is **19.0806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.9004, 0.3544, 0.3330**, and **6.2151, 0.3889, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **15.3737, 0.3957, 0.3341**, and if you desaturate by 10%, it is **22.0302, 0.3426, 0.3312**.

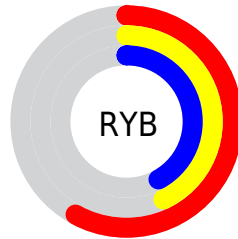
Distribution



Red (58%)

Green (43%)

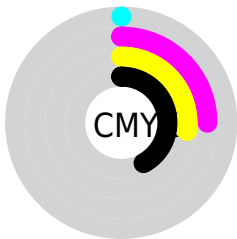
Blue (42%)



Red (58%)

Yellow (43%)

Blue (42%)

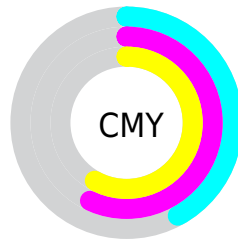


Cyan (0%)

Magenta (25%)

Yellow (27%)

Black (42%)



Cyan (42%)

Magenta (57%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.4376, 0.3665, 0.3326 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 18.4376, 0.3665, 0.3326 by changing the saturation by 10% instead.


 18.4376, 0.3665,
0.3326


 18.4376, 0.3665,
0.3326


243.3261, 0.3352,
0.3310


 11.2646, 0.3763,
0.3328


 40.7816, 0.3538,
0.3321


 6.2451, 0.3903,
0.3329


 56.7214, 0.3495,
0.3319

 2.9947, 0.4121,
0.3325

 76.3522, 0.3460,
0.3317

 1.1290, 0.4530,
0.3319

 100.0585, 0.3431,
0.3316

 0.0025, 0.9930,
0.0070

128.2247, 0.3407,
0.3314

 0.0000, 0.0000,
0.0000

161.2351, 0.3386,

0.3313

199.4741, 0.3368,
0.3311

■ 18.4376, 0.3665,
0.3326

■ 18.4376, 0.3665,
0.3326

■ 15.3737, 0.3957,
0.3341

■ 22.0302, 0.3426,
0.3312

■ 12.8110, 0.4308,
0.3354

■ 26.1721, 0.3233,
0.3298

■ 10.7238, 0.4716,
0.3365

■ 30.8858, 0.3076,
0.3286

■ 9.0827, 0.5165,
0.3370

■ 36.1919, 0.2949,
0.3274

■ 7.8553, 0.5613,
0.3367

■ 42.1101, 0.2845,
0.3264

■ 7.0046, 0.6002,
0.3354

■ 48.6590, 0.2760,
0.3255

■ 6.4857, 0.6275,
0.3336

■ 55.8564, 0.2689,
0.3247

■ 6.3657, 0.6353,
0.3338

■ 63.7196, 0.2630,
0.3239

■ 72.2650, 0.2580,
0.3233

Harmonies

Analogous

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



18.4376, 0.3447, 0.3082



18.4376, 0.3665, 0.3326



18.4376, 0.3730, 0.3573

Triad

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



18.4376, 0.3665, 0.3326



18.4376, 0.3085, 0.3739



18.4376, 0.2643, 0.2819

Complementary

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



18.4376, 0.3665, 0.3326



25.5546, 0.2748, 0.3254

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.



18.4376, 0.2558, 0.2966



18.4376, 0.3665, 0.3326



18.4376, 0.2805, 0.3506

Square

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



18.4376, 0.3665, 0.3326



18.4376, 0.3386, 0.3831



18.4376, 0.2616, 0.3215



18.4376, 0.2853, 0.2796

Rectangle

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



18.4376, 0.3665, 0.3326



18.4376, 0.3678, 0.3710



18.4376, 0.2616, 0.3215



18.4376, 0.2599, 0.2854

Sweetspot

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



18.4385, 0.3665, 0.3326



45.5781, 0.3262, 0.3300



18.9787, 0.3181, 0.2681



10.1581, 0.3288, 0.3302



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



18.4385, 0.3665, 0.3326



29.5406, 0.3837, 0.3335



23.1091, 0.3583, 0.3655



5.8599, 0.3281, 0.3302



5.5296, 0.6349, 0.3341



0.0771, 0.6109, 0.3532

Inverse Universe

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



25.5546, 0.2748, 0.3254



44.5489, 0.2670, 0.3244



20.1063, 0.2715, 0.2895



6.5123, 0.2990, 0.3278



17.9794, 0.2204, 0.3135



0.2325, 0.2227, 0.3217

Previews

White Background



This preview shows how the Yxy color 18.4376, 0.3665, 0.3326 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 18.4376, 0.3665, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

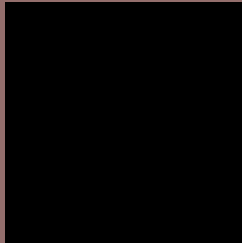
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4376, 0.3665, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 18.4376, 0.3665, 0.3326.

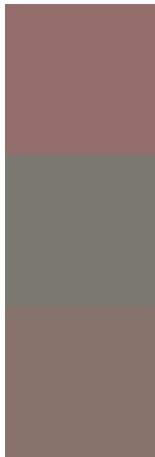


This preview shows how white text looks on a background with the Yxy color 18.4376, 0.3665, 0.3326.

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

18.4376, 0.3665, 0.3326

Protanopia

18.5969, 0.3249, 0.3405

Deuteranopia

18.4739, 0.3494, 0.3438



Tritanopia

18.5175, 0.3558, 0.3154

Trichromacy



Original Color

18.4376, 0.3665, 0.3326

Protanomaly

18.5440, 0.3399, 0.3383

Deuteranomaly

18.3608, 0.3556, 0.3400

Tritanomaly

18.4481, 0.3600, 0.3205

Monochromacy



Original Color

18.4376, 0.3665, 0.3326

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.7294, 0.3307, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4376, 0.3665, 0.3326 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(147, 110, 108)` looks like.

```
.text, #text, p{  
    color:rgb(147, 110, 108)  
}
```

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(147, 110, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 110, 108) }
```

Border

The CSS property to change the border of an element to Yxy 18.4376, 0.3665, 0.3326 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(147, 110, 108) }
```

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

```
.border{ border-color:rgb(147, 110, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 110, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 110, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 110, 108);  
box-shadow:4px 4px 4px 4px rgb(147, 110,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4376, 0.3665, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 110, 108) }
```

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

```
.background{ background-color: rgb(147,  
110, 108) }
```

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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