

Converting Colors

$Y_{xy}(18.7328, 0.3863, 0.3333)$

Have a look what the booklet for
Yxy(18.7328, 0.3863, 0.3333)
contains.

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Color

Yxy(18.7034, 0.3860, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	9D6B69
RGB	157, 107, 105
RGB Percent	62%, 42%, 41%
CMY	0.3843, 0.5804, 0.5882
CMYK	0.00, 0.32, 0.33, 0.38
HSL	2°, 21%, 51%
HSV	2°, 33%, 62%
XYZ	21.7128, 18.7034, 15.8346
YIQ	121.7220, 30.4420, 9.9780

Conversions

Conversions Part 2

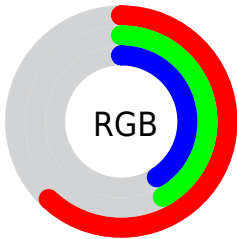
Format	Color
R _Y B	157, 107, 105
Decimal	10316649
CIE Lab	50.34, 19.71, 9.20
CIE LCh	50, 21.754, 25.023
Yxy	18.7034, 0.3860, 0.3325
Android (android.graphics.Color)	4288506729 (0xFF9D6B69)
YUV	121.7220, -8.2439, 30.9388
Hunter-Lab	43.2474, 13.9348, 8.5648

Details

The Yxy color **18.7034, 0.3860, 0.3325** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.8862, 0.2663, 0.3255**, and the grayscale version is **19.3875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.3427, 0.3691, 0.3329**, and **6.3765, 0.4181, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **15.5321, 0.4197, 0.3336**, and if you desaturate by 10%, it is **22.4860, 0.3583, 0.3314**.

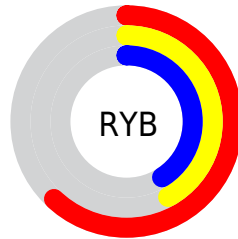
Distribution



Red (62%)

Green (42%)

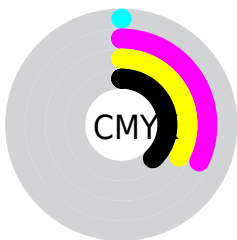
Blue (41%)



Red (62%)

Yellow (42%)

Blue (41%)

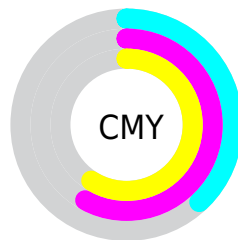


Cyan (0%)

Magenta (32%)

Yellow (33%)

Black (38%)



Cyan (38%)


Magenta (58%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.7034, 0.3860, 0.3325 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 18.7034, 0.3860, 0.3325 by changing the saturation by 10% instead.


 18.7034, 0.3860,
0.3325


 18.7034, 0.3860,
0.3325

244.8064, 0.3435,
0.3314

 11.4562, 0.3992,
0.3323


 41.2323, 0.3688,
0.3324

 6.3745, 0.4181,
0.3317


 57.2828, 0.3629,
0.3322

 3.0741, 0.4473,
0.3298

 77.0364, 0.3581,
0.3321

 1.1706, 0.5035,
0.3277

 100.8777, 0.3542,
0.3319

 0.0375, 0.9324,
0.0676

129.1909, 0.3508,
0.3318

 0.0000, 0.0000,
0.0000

162.3605, 0.3480,

0.3316

200.7709, 0.3456,
0.3315

■ 18.7034, 0.3860,
0.3325

■ 18.7034, 0.3860,
0.3325

■ 15.5321, 0.4197,
0.3336

■ 22.4860, 0.3583,
0.3314

■ 12.9374, 0.4594,
0.3345

■ 26.9067, 0.3358,
0.3303

■ 10.8856, 0.5040,
0.3351


■ 31.9941, 0.3176,
0.3293

■ 9.3381, 0.5499,
0.3351


■ 37.7741, 0.3029,
0.3284


■ 8.2514, 0.5915,
0.3343

■ 44.2713, 0.2910,
0.3275

 7.5744, 0.6220,
0.3328

 51.5093, 0.2813,
0.3268

 7.2983, 0.6367,
0.3326

 59.5103, 0.2733,
0.3261

 68.2956, 0.2667,
0.3255

 77.8860, 0.2612,
0.3250

Harmonies

Analogous

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



18.7034, 0.3557, 0.3006



18.7034, 0.3860, 0.3325



18.7034, 0.3950, 0.3656

Triad

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



18.7034, 0.3860, 0.3325



18.7034, 0.3068, 0.3916



18.7034, 0.2475, 0.2657

Complementary

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



18.7034, 0.3860, 0.3325



28.8862, 0.2663, 0.3255

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.



18.7034, 0.2367, 0.2847



18.7034, 0.3860, 0.3325



18.7034, 0.2693, 0.3589

Square

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



18.7034, 0.3860, 0.3325



18.7034, 0.3476, 0.4034



18.7034, 0.2443, 0.3184



18.7034, 0.2751, 0.2632

Rectangle

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



18.7034, 0.3860, 0.3325



18.7034, 0.3876, 0.3846



18.7034, 0.2443, 0.3184



18.7034, 0.2419, 0.2702

Sweetspot

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



18.7043, 0.3860, 0.3325



50.7201, 0.3301, 0.3300



19.6503, 0.3186, 0.2514



10.9097, 0.3326, 0.3301



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



18.7043, 0.3860, 0.3325



29.0509, 0.4112, 0.3333



24.8927, 0.3727, 0.3740



6.6847, 0.3283, 0.3299



5.9402, 0.6363, 0.3330



0.1168, 0.6187, 0.3469

Inverse Universe

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



28.8862, 0.2663, 0.3255



50.2452, 0.2574, 0.3246



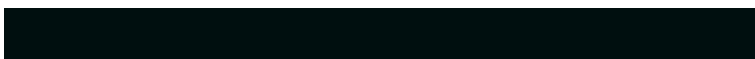
21.2119, 0.2607, 0.2792



7.4660, 0.2988, 0.3281



19.9668, 0.2215, 0.3173



0.3690, 0.2228, 0.3222

Previews

White Background



This preview shows how the Yxy color 18.7034, 0.3860, 0.3325 looks on a white background.

Color Contrast Check

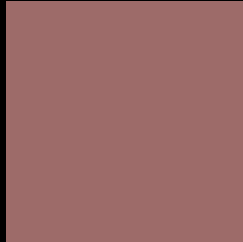
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.7034, 0.3860, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

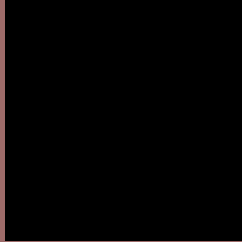
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.7034, 0.3860, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 18.7034, 0.3860, 0.3325.



This preview shows how white text looks on a background with the Yxy color 18.7034, 0.3860, 0.3325.

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

18.7034, 0.3860, 0.3325

Protanopia

18.8879, 0.3272, 0.3442

Deuteranopia

18.8733, 0.3583, 0.3527



Tritanopia

18.7921, 0.3749, 0.3161

Trichromacy



Original Color

18.7034, 0.3860, 0.3325

Protanomaly

18.5998, 0.3482, 0.3400

Deuteranomaly

18.8295, 0.3679, 0.3450

Tritanomaly

18.7249, 0.3792, 0.3210

Monochromacy



Original Color

18.7034, 0.3860, 0.3325

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.1344, 0.3373, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.7034, 0.3860, 0.3325 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(157, 107, 105)` looks like.

```
.text, #text, p{  
    color:rgb(157, 107, 105)  
}
```

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(157, 107, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 107, 105) }
```

Border

The CSS property to change the border of an element to Yxy 18.7034, 0.3860, 0.3325 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(157, 107, 105) }
```

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

```
.border{ border-color:rgb(157, 107, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 107, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 107, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 107, 105); box-shadow:4px 4px 4px 4px rgb(157, 107, 105) }
```


Background

The CSS property to change the background color of an element to Yxy 18.7034, 0.3860, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 107, 105) }
```

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

```
.background{ background-color: rgb(157,  
107, 105) }
```

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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