

Converting Colors

$Y_{xy}(19.5515, 0.3841, 0.3325)$

Have a look what the booklet for
Yxy(19.5515, 0.3841, 0.3325)
contains.

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Color

Yxy(19.6055, 0.3829, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	9F6E6C
RGB	159, 110, 108
RGB Percent	62%, 43%, 42%
CMY	0.3766, 0.5686, 0.5765
CMYK	0.00, 0.31, 0.32, 0.38
HSL	2°, 21%, 52%
HSV	2°, 32%, 62%
XYZ	22.5773, 19.6055, 16.7811
YIQ	124.4230, 29.8460, 9.7660

Conversions

Conversions Part 2

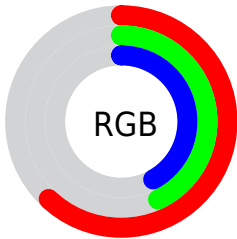
Format	Color
RYB	159, 110, 108
Decimal	10448492
CIELab	51.39, 19.19, 8.96
CIELCh	51, 21.178, 25.019
Yxy	19.6055, 0.3829, 0.3325
Android (android.graphics.Color)	4288638572 (0xFF9F6E6C)
YUV	124.4230, -8.0965, 30.3240
Hunter-Lab	44.2781, 13.5300, 8.5241

Details

The Yxy color **19.6055, 0.3829, 0.3325** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.7911, 0.2676, 0.3255**, and the grayscale version is **20.3250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.7909, 0.3671, 0.3328**, and **6.8463, 0.4122, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **16.2819, 0.4159, 0.3336**, and if you desaturate by 10%, it is **23.5605, 0.3557, 0.3314**.

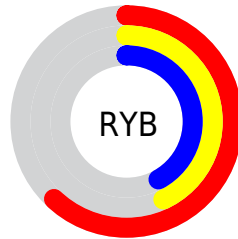
Distribution



Red (62%)

Green (43%)

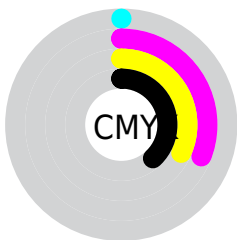
Blue (42%)



Red (62%)

Yellow (43%)

Blue (42%)

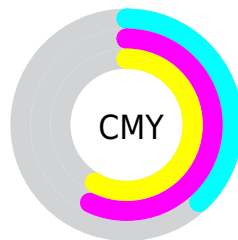


Cyan (0%)

Magenta (31%)

Yellow (32%)

Black (38%)



Cyan (38%)


Magenta (57%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6055, 0.3829, 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 19.6055, 0.3829, 0.3325 by changing the saturation by 10% instead.


 19.6055, 0.3829,
0.3325


 19.6055, 0.3829,
0.3325


249.7714, 0.3424,
0.3313

 12.1086, 0.3953,
0.3324


 42.7548, 0.3666,
0.3323

 6.8177, 0.4130,
0.3319


 59.1760, 0.3610,
0.3322

 3.3483, 0.4400,
0.3303

 79.3407, 0.3565,
0.3320

 1.3162, 0.4879,
0.3267

 103.6334, 0.3527,
0.3319

 0.1537, 0.8000,
0.2000

132.4384, 0.3495,
0.3317

 0.0000, 0.0000,
0.0000

166.1401, 0.3468,

0.3316

205.1230, 0.3445,
0.3315

■ 19.6055, 0.3829,
0.3325

■ 19.6055, 0.3829,
0.3325

■ 16.2819, 0.4159,
0.3336

■ 23.5605, 0.3557,
0.3314

■ 13.5543, 0.4551,
0.3346

■ 28.1742, 0.3337,
0.3302

■ 11.3884, 0.4993,
0.3352


■ 33.4757, 0.3159,
0.3292

■ 9.7451, 0.5454,
0.3353


■ 39.4915, 0.3016,
0.3283


■ 8.5802, 0.5877,
0.3346


■ 46.2469, 0.2899,
0.3274

 7.8424, 0.6196,
0.3331

 53.7657, 0.2804,
0.3266

 7.5051, 0.6366,
0.3327

 62.0708, 0.2726,
0.3259

 71.1841, 0.2661,
0.3253

 81.1266, 0.2607,
0.3248

Harmonies

Analogous

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



19.6055, 0.3539, 0.3017



19.6055, 0.3829, 0.3325



19.6055, 0.3915, 0.3643

Triad

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



19.6055, 0.3829, 0.3325



19.6055, 0.3072, 0.3888



19.6055, 0.2501, 0.2682

Complementary

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



19.6055, 0.3829, 0.3325



29.7911, 0.2676, 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.



19.6055, 0.2396, 0.2866



19.6055, 0.3829, 0.3325



19.6055, 0.2711, 0.3577

Square

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



19.6055, 0.3829, 0.3325



19.6055, 0.3463, 0.4002



19.6055, 0.2470, 0.3190



19.6055, 0.2766, 0.2657

Rectangle

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



19.6055, 0.3829, 0.3325



19.6055, 0.3845, 0.3825



19.6055, 0.2470, 0.3190



19.6055, 0.2447, 0.2726

Sweetspot

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



19.6064, 0.3829, 0.3325



52.1599, 0.3301, 0.3300



20.5373, 0.3184, 0.2538



11.4901, 0.3326, 0.3302



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



19.6064, 0.3829, 0.3325



31.0379, 0.4042, 0.3333



25.8315, 0.3705, 0.3725



6.6861, 0.3283, 0.3299



5.9444, 0.6362, 0.3331



0.1172, 0.6180, 0.3475

Inverse Universe

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



29.7911, 0.2676, 0.3255



51.9995, 0.2596, 0.3247



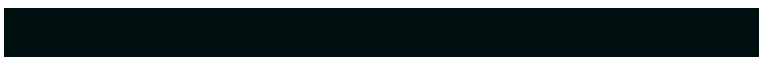
22.1358, 0.2623, 0.2810



7.4645, 0.2988, 0.3281



19.9116, 0.2214, 0.3169



0.3684, 0.2228, 0.3220

Previews

White Background



This preview shows how the Yxy color 19.6055, 0.3829, 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 19.6055, 0.3829, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

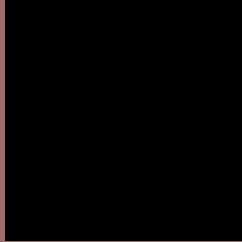
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6055, 0.3829, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 19.6055, 0.3829, 0.3325.



This preview shows how white text looks on a background with the Yxy color 19.6055, 0.3829, 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

19.6055, 0.3829, 0.3325

Protanopia

19.6460, 0.3282, 0.3440

Deuteranopia

19.5729, 0.3563, 0.3506



Tritanopia

19.6952, 0.3721, 0.3162

Trichromacy



Original Color

19.6055, 0.3829, 0.3325

Protanomaly

19.6157, 0.3473, 0.3398

Deuteranomaly

19.5260, 0.3657, 0.3430

Tritanomaly

19.6258, 0.3763, 0.3211

Monochromacy



Original Color

19.6055, 0.3829, 0.3325

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.8200, 0.3369, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6055, 0.3829, 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(159, 110, 108)` looks like.

```
.text, #text, p{  
    color:rgb(159, 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(159, 110, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 110, 108) }
```

Border

The CSS property to change the border of an element to Yxy 19.6055, 0.3829, 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(159, 110, 108) }
```

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

```
.border{ border-color:rgb(159, 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(159, 110, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 110, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 110, 108);  
box-shadow:4px 4px 4px 4px rgb(159, 110,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6055, 0.3829, 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(159, 110, 108) }
```

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

```
.background{ background-color: rgb(159,  
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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