

Converting Colors

$Y_{xy}(20.0629, 0.4045, 0.3317)$

Have a look what the booklet for
Yxy(20.0629, 0.4045, 0.3317)
contains.

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Color

Yxy(20.1932, 0.4049, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	AB6B69
RGB	171, 107, 105
RGB Percent	67%, 42%, 41%
CMY	0.3294, 0.5804, 0.5882
CMYK	0.00, 0.37, 0.39, 0.33
HSL	2°, 28%, 54%
HSV	2°, 39%, 67%
XYZ	24.6050, 20.1932, 15.9698
YIQ	125.9080, 38.7860, 12.9460

Conversions

Conversions Part 2

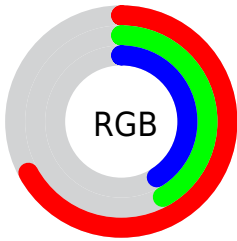
Format	Color
R_{YB}	171, 107, 105
Decimal	11234153
CIE Lab	52.05, 25.32, 11.86
CIE LCh	52, 27.963, 25.101
Yxy	20.1932, 0.4049, 0.3323
Android (android.graphics.Color)	4289424233 (0xFFAB6B69)
YUV	125.9080, -10.3076, 39.5457
Hunter-Lab	44.9368, 19.0973, 10.3851

Details

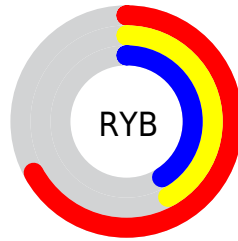
The Yxy color **20.1932, 0.4049, 0.3323** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.3342, 0.2596, 0.3257**, and the grayscale version is **20.8577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.6906, 0.3838, 0.3327**, and **7.0446, 0.4432, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **16.7438, 0.4426, 0.3331**, and if you desaturate by 10%, it is **24.3788, 0.3735, 0.3314**.

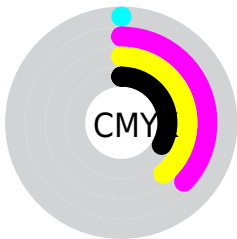
Distribution



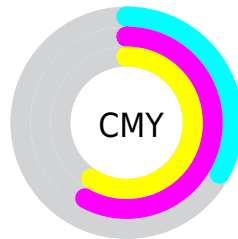
- Red (67%)
- Green (42%)
- Blue (41%)



- Red (67%)
- Yellow (42%)
- Blue (41%)



- Cyan (0%)
- Magenta (37%)
- Yellow (39%)
- Black (33%)





- Cyan (33%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.1932, 0.4049, 0.3323 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 20.1932, 0.4049, 0.3323 by changing the saturation by 10% instead.


 20.1932, 0.4049,
0.3323


 20.1932, 0.4049,
0.3323


252.9591, 0.3519,
0.3319


 12.5356, 0.4210,
0.3317

 43.7409, 0.3837,
0.3326


 7.1095, 0.4436,
0.3302


 60.3997, 0.3764,
0.3325

 3.5307, 0.4777,
0.3267

 80.8277, 0.3704,
0.3325

 1.4147, 0.5385,
0.3203

 105.4092, 0.3654,
0.3323

 0.2275, 0.7858,
0.2142

134.5288, 0.3613,
0.3322

 0.0000, 0.0000,
0.0000

168.5706, 0.3577,

0.3321

207.9193, 0.3546,
0.3320

■ 20.1932, 0.4049,
0.3323

■ 20.1932, 0.4049,
0.3323

■ 16.7438, 0.4426,
0.3331

■ 24.3788, 0.3735,
0.3314

■ 13.9853, 0.4860,
0.3337

■ 29.3367, 0.3479,
0.3305

■ 11.8721, 0.5325,
0.3339


■ 35.1040, 0.3272,
0.3297

■ 10.3517, 0.5770,
0.3336


■ 41.7147, 0.3106,
0.3289

■ 9.3637, 0.6127,
0.3327

■ 49.2006, 0.2972,
0.3282

 8.8268, 0.6350,
0.3318

 57.5923, 0.2863,
0.3276

 8.7708, 0.6377,
0.3319

 66.9184, 0.2774,
0.3270

 77.2067, 0.2701,
0.3265

 87.3995, 0.2657,
0.3289

Harmonies

Analogous

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



20.1932, 0.3665, 0.2937



20.1932, 0.4049, 0.3323



20.1932, 0.4156, 0.3729

Triad

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



20.1932, 0.4049, 0.3323



20.1932, 0.3044, 0.4088



20.1932, 0.2324, 0.2506

Complementary

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



20.1932, 0.4049, 0.3323



34.3342, 0.2596, 0.3257

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.



20.1932, 0.2193, 0.2730



20.1932, 0.4049, 0.3323



20.1932, 0.2582, 0.3665

Square

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



20.1932, 0.4049, 0.3323



20.1932, 0.3551, 0.4229



20.1932, 0.2281, 0.3146



20.1932, 0.2658, 0.2483

Rectangle

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



20.1932, 0.4049, 0.3323



20.1932, 0.4058, 0.3970



20.1932, 0.2281, 0.3146



20.1932, 0.2256, 0.2558

Sweetspot

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



20.1942, 0.4049, 0.3323



58.9480, 0.3342, 0.3300



21.6651, 0.3184, 0.2370



12.8540, 0.3367, 0.3301



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



20.1942, 0.4049, 0.3323



30.9879, 0.4354, 0.3330



28.1784, 0.3861, 0.3804



8.0524, 0.3286, 0.3297



6.6247, 0.6373, 0.3322



0.1965, 0.6254, 0.3417

Inverse Universe

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



34.3342, 0.2596, 0.3257



59.7985, 0.2508, 0.3249



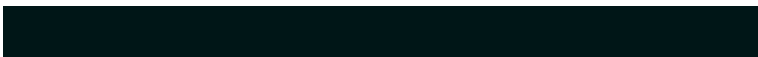
23.8124, 0.2516, 0.2709



9.0303, 0.2987, 0.3283



22.7558, 0.2222, 0.3197



0.6455, 0.2230, 0.3227

Previews

White Background



This preview shows how the Yxy color 20.1932, 0.4049, 0.3323 looks on a white background.

Color Contrast Check

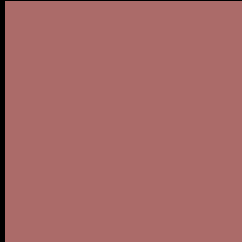
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1932, 0.4049, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

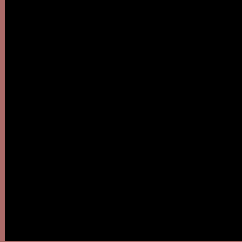
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.1932, 0.4049, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 20.1932, 0.4049, 0.3323.



This preview shows how white text looks on a background with the Yxy color 20.1932, 0.4049, 0.3323.

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

20.1932, 0.4049, 0.3323

Protanopia

20.2973, 0.3304, 0.3475

Deuteranopia

20.3415, 0.3646, 0.3589



Tritanopia

20.2936, 0.3938, 0.3171

Trichromacy



Original Color

20.1932, 0.4049, 0.3323

Protanomaly

20.0339, 0.3552, 0.3413

Deuteranomaly

20.1310, 0.3791, 0.3476

Tritanomaly

20.2264, 0.3981, 0.3216

Monochromacy



Original Color

20.1932, 0.4049, 0.3323

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.2524, 0.3434, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.1932, 0.4049, 0.3323 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(171, 107, 105)` looks like.

```
.text, #text, p{  
    color:rgb(171, 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(171, 107, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 107, 105) }
```

Border

The CSS property to change the border of an element to Yxy 20.1932, 0.4049, 0.3323 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(171, 107, 105) }
```

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

```
.border{ border-color:rgb(171, 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(171, 107, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 107, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 107, 105);  
box-shadow:4px 4px 4px 4px rgb(171, 107,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 20.1932, 0.4049, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 107, 105) }
```

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

```
.background{ background-color: rgb(171,  
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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