

Converting Colors

$Y_{xy}(20.8268, 0.3571, 0.3258)$

Have a look what the booklet for
Yxy(20.8268, 0.3571, 0.3258)
contains.

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Color

Yxy(20.8268, 0.3571, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	997577
RGB	153, 117, 119
RGB Percent	60%, 46%, 47%
CMY	0.4000, 0.5412, 0.5333
CMYK	0.00, 0.24, 0.22, 0.40
HSL	357°, 15%, 53%
HSV	357°, 24%, 60%
XYZ	22.8277, 20.8268, 20.2707
YIQ	127.9920, 20.8140, 8.2540

Conversions

Conversions Part 2

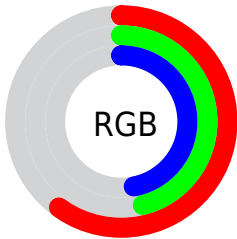
Format	Color
R_{YB}	153, 117, 119
Decimal	10057079
CIE _{Lab}	52.76, 14.42, 4.35
CIE _{LCh}	53, 15.063, 16.789
Yxy	20.8268, 0.3571, 0.3258
Android (android.graphics.Color)	4288247159 (0xFF997577)
YUV	127.9920, -4.4331, 21.9320
Hunter-Lab	45.6364, 9.4233, 5.6102

Details

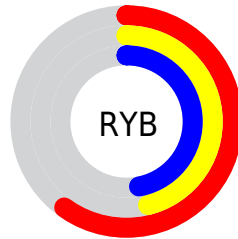
The Yxy color **20.8268, 0.3571, 0.3258** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.7981, 0.2805, 0.3323**, and the grayscale version is **21.5943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.7261, 0.3473, 0.3266**, and **7.4779, 0.3743, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **17.2277, 0.3838, 0.3244**, and if you desaturate by 10%, it is **25.0633, 0.3354, 0.3272**.

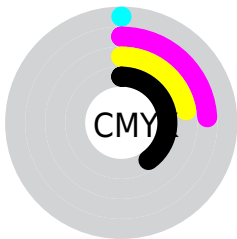
Distribution



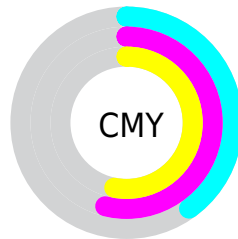
- Red (60%)
- Green (46%)
- Blue (47%)



- Red (60%)
- Yellow (46%)
- Blue (47%)



- Cyan (0%)
- Magenta (24%)
- Yellow (22%)
- Black (40%)





- Cyan (40%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.8268, 0.3571, 0.3258 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 20.8268, 0.3571, 0.3258 by changing the saturation by 10% instead.


 20.8268, 0.3571,
0.3258


 20.8268, 0.3571,
0.3258


256.3566, 0.3318,
0.3279


 12.9975, 0.3648,
0.3250


 44.7991, 0.3470,
0.3267

 7.4268, 0.3756,
0.3238


 61.7109, 0.3435,
0.3270

 3.7304, 0.3920,
0.3217

 82.4189, 0.3406,
0.3273

 1.5239, 0.4199,
0.3176

107.3075, 0.3383,
0.3274

 0.3055, 0.6580,
0.3129

136.7612, 0.3363,
0.3276

 0.0000, 0.0000,
0.0000

171.1644, 0.3346,

0.3277

210.9014, 0.3331,
0.3278

■ 20.8268, 0.3571,
0.3258

■ 20.8268, 0.3571,
0.3258

■ 17.2277, 0.3838,
0.3244

■ 25.0633, 0.3354,
0.3272

■ 14.2325, 0.4164,
0.3231

■ 29.9630, 0.3180,
0.3286

■ 11.8090, 0.4551,
0.3220


■ 35.5536, 0.3040,
0.3298


■ 9.9207, 0.4987,
0.3215


■ 41.8605, 0.2926,
0.3309


■ 8.5272, 0.5442,
0.3218


■ 48.9077, 0.2834,
0.3320

 7.5821, 0.5862,
0.3232


 56.7183, 0.2758,
0.3329

 7.0303, 0.6181,
0.3255

 65.3141, 0.2696,
0.3337

 6.7907, 0.6328,
0.3259

 74.7163, 0.2644,
0.3345

 84.9451, 0.2601,
0.3352

Harmonies

Analogous

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



20.8268, 0.3344, 0.3044



20.8268, 0.3571, 0.3258



20.8268, 0.3674, 0.3488

Triad

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



20.8268, 0.3571, 0.3258



20.8268, 0.3170, 0.3735



20.8268, 0.2650, 0.2888

Complementary

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



20.8268, 0.3571, 0.3258



28.7981, 0.2805, 0.3323

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.



20.8268, 0.2610, 0.3054



20.8268, 0.3571, 0.3258



20.8268, 0.2902, 0.3555

Square

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



20.8268, 0.3571, 0.3258



20.8268, 0.3435, 0.3778



20.8268, 0.2700, 0.3299



20.8268, 0.2813, 0.2833

Rectangle

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



20.8268, 0.3571, 0.3258



20.8268, 0.3656, 0.3625



20.8268, 0.2700, 0.3299



20.8268, 0.2622, 0.2932

Sweetspot

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



20.8278, 0.3571, 0.3258



50.3513, 0.3239, 0.3281



21.5644, 0.3125, 0.2717



11.0166, 0.3248, 0.3280



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



20.8278, 0.3571, 0.3258



33.9206, 0.3699, 0.3251



24.7227, 0.3541, 0.3547



6.2280, 0.3275, 0.3278



5.6143, 0.6320, 0.3255



0.0852, 0.5947, 0.3050

Inverse Universe

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



20.8278, 0.3571, 0.3258



33.9206, 0.3699, 0.3251



24.0875, 0.2768, 0.3019



6.2280, 0.3275, 0.3278



5.6143, 0.6320, 0.3255



0.0852, 0.5947, 0.3050

Previews

White Background



This preview shows how the Yxy color 20.8268, 0.3571, 0.3258 looks on a white background.

Color Contrast Check

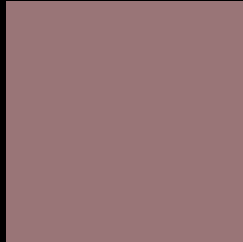
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.8268, 0.3571, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

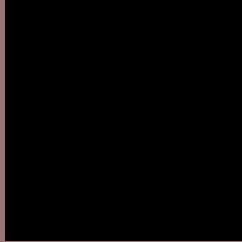
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.8268, 0.3571, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 20.8268, 0.3571, 0.3258.



This preview shows how white text looks on a background with the Yxy color 20.8268, 0.3571, 0.3258.

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

20.8268, 0.3571, 0.3258

Protanopia

21.0441, 0.3185, 0.3326

Deuteranopia

20.8898, 0.3413, 0.3361



Tritanopia

20.8415, 0.3510, 0.3143

Trichromacy



Original Color

20.8268, 0.3571, 0.3258

Protanomaly

20.9743, 0.3324, 0.3308

Deuteranomaly

20.7607, 0.3470, 0.3325

Tritanomaly

20.7909, 0.3536, 0.3176

Monochromacy



Original Color

20.8268, 0.3571, 0.3258

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.2143, 0.3275, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.8268, 0.3571, 0.3258 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(153, 117, 119)` looks like.

```
.text, #text, p{  
    color:rgb(153, 117, 119)  
}
```

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(153, 117, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 117, 119) }
```

Border

The CSS property to change the border of an element to Yxy 20.8268, 0.3571, 0.3258 is called "border". The border property can be set on classes, ids or directly on the HTML element.

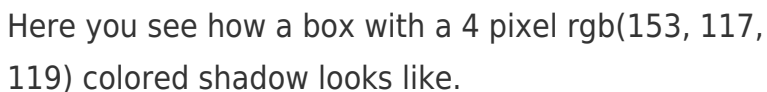
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 117, 119) }
```

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

```
.border{ border-color:rgb(153, 117, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 117, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 117, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 117, 119); box-shadow:4px 4px 4px 4px rgb(153, 117, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 20.8268, 0.3571, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 117, 119) }
```

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

```
.background{ background-color: rgb(153,  
117, 119) }
```

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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