

Converting Colors

$Y_{xy}(13.0767, 0.3539, 0.3194)$

Have a look what the booklet for
Yxy(13.0767, 0.3539, 0.3194)
contains.

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Color

Yxy(12.9956, 0.3543, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	7C5D62
RGB	124, 93, 98
RGB Percent	49%, 36%, 38%
CMY	0.5138, 0.6353, 0.6157
CMYK	0.00, 0.25, 0.21, 0.51
HSL	350°, 14%, 43%
HSV	350°, 25%, 49%
XYZ	14.4291, 12.9956, 13.3010
YIQ	102.8390, 16.8710, 8.1270

Conversions

Conversions Part 2

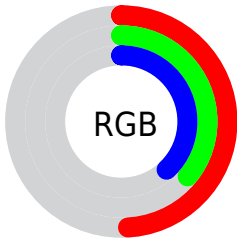
Format	Color
R_{YB}	124, 93, 98
Decimal	8150370
CIE _{Lab}	42.76, 13.47, 2.07
CIE _{LCh}	43, 13.626, 8.729
Yxy	12.9956, 0.3543, 0.3191
Android (android.graphics.Color)	4286340450 (0xFF7C5D62)
YUV	102.8390, -2.3856, 18.5582
Hunter-Lab	36.0494, 8.3600, 3.3585

Details

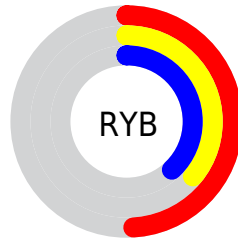
The Yxy color **12.9956, 0.3543, 0.3191** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.0712, 0.2825, 0.3392**, and the grayscale version is **13.5219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.1620, 0.3433, 0.3205**, and **3.7368, 0.3738, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **10.8091, 0.3778, 0.3149**, and if you desaturate by 10%, it is **15.5618, 0.3351, 0.3232**.

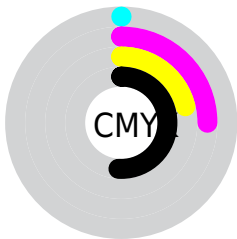
Distribution



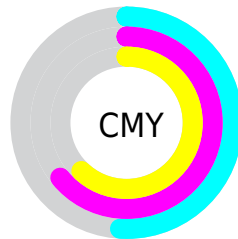
- Red (49%)
- Green (36%)
- Blue (38%)



- Red (49%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (25%)
- Yellow (21%)
- Black (51%)




- Cyan (51%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 12.9956, 0.3543, 0.3191 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 12.9956, 0.3543, 0.3191 by changing the saturation by 10% instead.


 12.9956, 0.3543,
0.3191


 12.9956, 0.3543,
0.3191


210.8895, 0.3291,
0.3253


 7.4255, 0.3629,
0.3169


 31.2959, 0.3437,
0.3218


 3.7296, 0.3760,
0.3135

 44.7949, 0.3402,
0.3226

 1.5235, 0.3981,
0.3074

 61.7056, 0.3374,
0.3233

 0.3052, 0.5566,
0.2745

 82.4125, 0.3351,
0.3238

 0.0000, 0.0000,
0.0000

107.2999, 0.3332,
0.3243

136.7523, 0.3316,

0.3247

171.1540, 0.3302,
0.3250

■ 12.9956, 0.3543,
0.3191

■ 12.9956, 0.3543,
0.3191

■ 10.8091, 0.3778,
0.3149

■ 15.5618, 0.3351,
0.3232

■ 8.9825, 0.4062,
0.3109

■ 18.5227, 0.3194,
0.3271

■ 7.4970, 0.4398,
0.3076

■ 21.8945, 0.3066,
0.3308

■ 6.3314, 0.4781,
0.3054

■ 25.6923, 0.2962,
0.3341

■ 5.4619, 0.5191,
0.3051

■ 29.9301, 0.2877,
0.3372

■ 4.8617, 0.5594,
0.3074

■ 34.6215, 0.2807,
0.3400

■ 4.4899, 0.5945,
0.3120

■ 39.7793, 0.2749,
0.3425

■ 4.3343, 0.6104,
0.3136

■ 45.4160, 0.2700,
0.3448

■ 51.5435, 0.2660,
0.3469

Harmonies

Analogous

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



12.9956, 0.3279, 0.2979



12.9956, 0.3543, 0.3191



12.9956, 0.3693, 0.3434

Triad

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



12.9956, 0.3543, 0.3191



12.9956, 0.3251, 0.3790



12.9956, 0.2599, 0.2901

Complementary

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



12.9956, 0.3543, 0.3191



18.0712, 0.2825, 0.3392

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.



12.9956, 0.2593, 0.3102



12.9956, 0.3543, 0.3191



12.9956, 0.2960, 0.3634

Square

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



12.9956, 0.3543, 0.3191



12.9956, 0.3517, 0.3792



12.9956, 0.2722, 0.3374



12.9956, 0.2738, 0.2811

Rectangle

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



12.9956, 0.3543, 0.3191



12.9956, 0.3704, 0.3588



12.9956, 0.2722, 0.3374



12.9956, 0.2581, 0.2957

Sweetspot

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



12.9962, 0.3543, 0.3191



31.4052, 0.3225, 0.3263



13.1948, 0.3080, 0.2685



7.3414, 0.3232, 0.3261



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



12.9962, 0.3543, 0.3191



20.5908, 0.3672, 0.3167



14.8418, 0.3575, 0.3498



4.0246, 0.3254, 0.3256



4.4071, 0.6105, 0.3137



20.9369, 0.6205, 0.3192

Inverse Universe

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



12.9962, 0.3543, 0.3191



20.5908, 0.3672, 0.3167



15.7407, 0.2758, 0.3073



4.0246, 0.3254, 0.3256



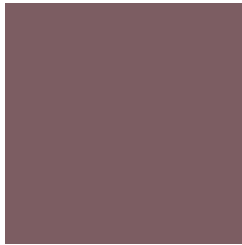
4.4071, 0.6105, 0.3137



20.9369, 0.6205, 0.3192

Previews

White Background



This preview shows how the Yxy color 12.9956, 0.3543, 0.3191 looks on a white background.

Color Contrast Check

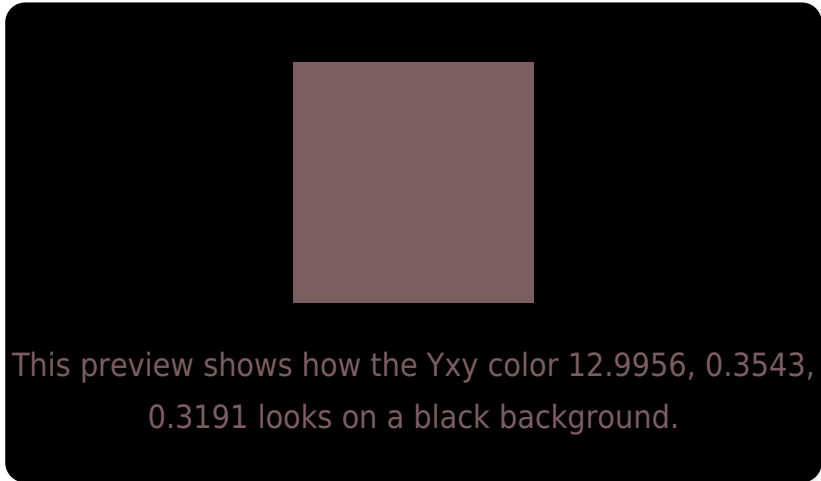
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

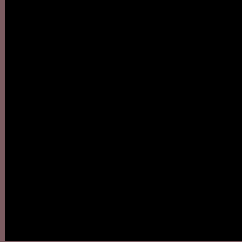
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 12.9956, 0.3543, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 12.9956, 0.3543, 0.3191.



This preview shows how white text looks on a background with the Yxy color 12.9956, 0.3543, 0.3191.

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

12.9956, 0.3543, 0.3191

Protanopia

13.1502, 0.3143, 0.3268

Deuteranopia

13.0432, 0.3354, 0.3312



Tritanopia

13.0339, 0.3512, 0.3151

Trichromacy



Original Color

12.9956, 0.3543, 0.3191

Protanomaly

13.0545, 0.3280, 0.3227

Deuteranomaly

12.9418, 0.3422, 0.3270

Tritanomaly

13.0146, 0.3527, 0.3171

Monochromacy



Original Color

12.9956, 0.3543, 0.3191

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.2428, 0.3278, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 12.9956, 0.3543, 0.3191 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(124, 93, 98)` looks like.

```
.text, #text, p{  
    color:rgb(124, 93, 98)  
}
```

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(124, 93, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 93, 98) }
```

Border

The CSS property to change the border of an element to Yxy 12.9956, 0.3543, 0.3191 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(124, 93, 98) }
```

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

```
.border{ border-color:rgb(124, 93, 98) }
```

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

Here you see how a box with a 4 pixel rgb(124, 93, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 93, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 93, 98);  
box-shadow:4px 4px 4px 4px rgb(124, 93,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 12.9956, 0.3543, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 93, 98) }
```

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

```
.background{ background-color: rgb(124, 93,  
98) }
```

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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