

Converting Colors

YUV(103.2100, -5.0335,
27.8798)

Have a look what the booklet for
YUV(103.2100, -5.0335, 27.8798)
contains.

YUV(103.2100, -5.0335, 27.8798)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(103.2100, -5.0335,
27.8798)**

Conversions

Conversions Part 1

Format	Color
Hex	87595D
RGB	135, 89, 93
RGB Percent	53%, 35%, 36%
CMY	0.4706, 0.6510, 0.6353
CMYK	0.00, 0.34, 0.31, 0.47
HSL	355°, 21%, 44%
HSV	355°, 34%, 53%
XYZ	15.5398, 13.0860, 12.0627
YIQ	103.2100, 26.1320, 10.9960

Conversions

Conversions Part 2

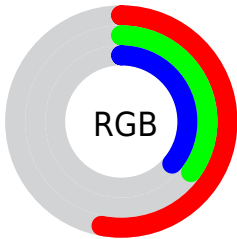
Format	Color
R_{YB}	135, 89, 93
Decimal	8870237
CIE _{Lab}	42.89, 19.56, 5.48
CIE _{LCh}	43, 20.312, 15.660
Yxy	13.0860, 0.3819, 0.3216
Android (android.graphics.Color)	4287060317 (0xFF87595D)
YUV	103.2100, -5.0335, 27.8798
Hunter-Lab	36.1745, 13.3745, 5.5514

Details

The YUV color **103.2100, -5.0335, 27.8798** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **120.7900, 5.0335, -27.8798**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.4060, -5.6232, 30.3389**, and **55.7150, -4.2965, 24.8059** is the 20% darker color. If you saturate the color by 10%, you get **94.2110, -6.5130, 35.7720**, and if you desaturate by 10%, it is **112.7960, -3.8434, 19.4729**.

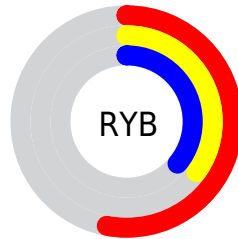
Distribution



Red (53%)

Green (35%)

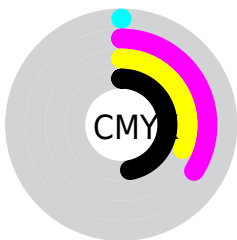
Blue (36%)



Red (53%)

Yellow (35%)

Blue (36%)

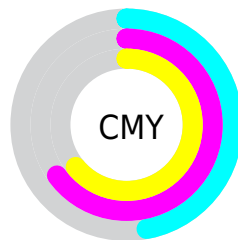


Cyan (0%)

Magenta (34%)

Yellow (31%)

Black (47%)



Cyan (47%)

Magenta (65%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.2100, -5.0335, 27.8798 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 YUV color 103.2100, -5.0335, 27.8798 by changing the saturation by 10% instead.

■ 103.2100, -5.0335,
27.8798

■ 103.2100, -5.0335,
27.8798

■ 255.0000, 0.0000,
0.0000

■ 78.6120, -4.7387,
26.6503

■ 154.4060, -5.6232,
30.3389

■ 55.7150, -4.2965,
24.8059

■ 182.0040, -5.9180,
31.5685

■ 33.0460, -2.9807,
22.7617

■ 209.6020, -6.2128,
32.7980

■ 11.6610, -5.7489,
23.9763

■ 231.6220, -3.2646,
20.5025

■ 0.0000, 0.0000,
0.0000

■ 251.8370, 0.5734,
2.7740

■ 103.2100, -5.0335,
27.8798

■ 103.2100, -5.0335,
27.8798

■ 94.2110, -6.5130,
35.7720

■ 112.7960, -3.8434,
19.4729

■ 84.5110, -8.1399,
44.2789

■ 121.9090, -1.9271,
11.4808

■ 75.5120, -9.6194,
52.1710

■ 131.4950, -0.7370,
3.0739

■ 65.9260, -10.8095,
60.5779

■ 140.4940, 0.7425,
-4.8182

■ 56.2260, -12.4364,
69.0848

■ 149.6070, 2.6587,
-12.8103

■ 47.2270, -13.9159,
76.9769

■ 159.1930, 3.8489,
-21.2173

■ 41.7330, -14.6584,
81.7952

■ 168.7790, 5.0390,
-29.6242

■ 177.8920, 6.9552,

-37.6163

■ 187.4780, 8.1453,
-46.0232

Harmonies

Analogous

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



103.9410, 2.9871, 21.9767



103.2100, -5.0335, 27.8798



102.0650, -11.8640, 25.3760

Triad

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



103.2100, -5.0335, 27.8798



97.0020, -9.8610, -10.5258



97.1290, 17.6844, -25.5461

Complementary

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



103.2100, -5.0335, 27.8798



120.7900, 5.0335, -27.8798

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.



93.1830, 15.6858, -37.8715



103.2100, -5.0335, 27.8798



94.7920, -1.3765, -25.2506

Square

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



103.2100, -5.0335, 27.8798



99.4230, -14.9985, 4.0140



92.9460, 8.4076, -36.7866



101.3700, 15.5936, -8.2175

Rectangle

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



103.2100, -5.0335, 27.8798



101.8210, -15.1948, 20.3280



92.9460, 8.4076, -36.7866



95.9820, 17.2639, -30.6792

Sweetspot

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



103.2100, -5.0335, 27.8798



163.6100, -1.7797, 10.8660



106.5030, 14.0490, 20.6069



81.9900, -1.4741, 6.1478



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



103.2100, -5.0335, 27.8798



126.2120, -7.9925, 43.6641



113.3200, -11.9898, 19.0134



61.7940, -0.8844, 3.6887



40.1240, -14.3581, 78.8213



0.8970, -0.4422, 1.8443

Inverse Universe

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



103.2100, -5.0335, 27.8798



126.2120, -7.9925, 43.6641



110.6800, 11.9898, -19.0134



61.7940, -0.8844, 3.6887



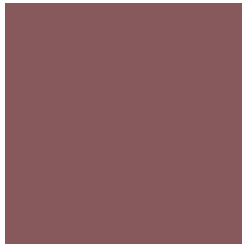
40.1240, -14.3581, 78.8213



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 103.2100, -5.0335, 27.8798 looks on a white background.

Color Contrast Check

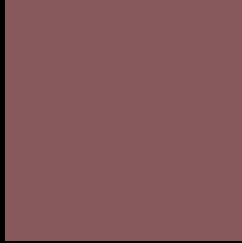
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 103.2100, -5.0335, 27.8798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

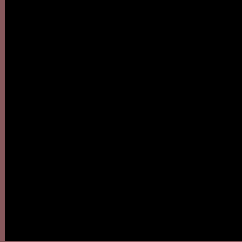
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.2100, -5.0335, 27.8798

Background



This preview shows how black text looks on a background with the YUV color 103.2100, -5.0335, 27.8798.



This preview shows how white text looks on a background with the YUV color 103.2100, -5.0335,

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

103.2100, -5.0335, 27.8798

Protanopia

101.7830, -0.8790, 1.9443

Deuteranopia

102.2850, -5.5635, 11.1511



Tritanopia

103.4380, -4.1599, 27.6799

Trichromacy



Original Color

103.2100, -5.0335, 27.8798

Protanomaly

102.3820, -2.6533, 11.0660

Deuteranomaly

102.7310, -5.2904, 16.8989

Tritanomaly

103.3240, -4.5967, 27.7799

Monochromacy



Original Color

103.2100, -5.0335, 27.8798

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.1970, -2.0691, 10.3512

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.2100, -5.0335, 27.8798 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(135, 89, 93)` looks like.

```
.text, #text, p{  
    color:rgb(135, 89, 93)  
}
```

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(135, 89, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 89, 93) }
```

Border

The CSS property to change the border of an element to YUV 103.2100, -5.0335, 27.8798 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(135, 89, 93) }
```


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

```
.border{ border-color:rgb(135, 89, 93) }
```

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

Here you see how a box with a 4 pixel rgb(135, 89, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 89, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 89, 93);  
box-shadow:4px 4px 4px 4px rgb(135, 89,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 103.2100, -5.0335, 27.8798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 89, 93) }
```

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

```
.background{ background-color: rgb(135, 89,  
93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor