

Converting Colors

YUV(103.1380, -2.5330,
19.1730)

Have a look what the booklet for
YUV(103.1380, -2.5330, 19.1730)
contains.

YUV(103.1380, -2.5330, 19.1730)	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(103.1380, -2.5330,
19.1730)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5D62
RGB	125, 93, 98
RGB Percent	49%, 36%, 38%
CMY	0.5098, 0.6353, 0.6157
CMYK	0.00, 0.26, 0.22, 0.51
HSL	351°, 15%, 43%
HSV	351°, 26%, 49%
XYZ	14.5764, 13.0705, 13.3099
YIQ	103.1380, 17.4670, 8.3390

Conversions

Conversions Part 2

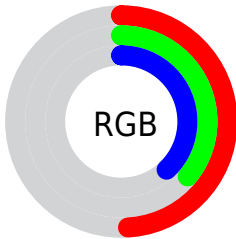
Format	Color
R _Y B	125, 93, 98
Decimal	8215906
CIE Lab	42.87, 13.89, 2.24
CIE LCh	43, 14.066, 9.164
Yxy	13.0705, 0.3559, 0.3191
Android (android.graphics.Color)	4286405986 (0xFF7D5D62)
YUV	103.1380, -2.5330, 19.1730
Hunter-Lab	36.1532, 8.7004, 3.4795

Details

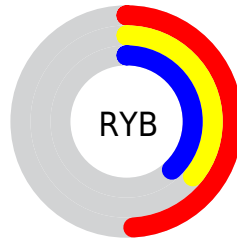
The YUV color **103.1380, -2.5330, 19.1730** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **114.8620, 2.5330, -19.1730**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.1490, -2.5385, 20.9173**, and **55.9420, -1.9434, 16.7139** is the 20% darker color. If you saturate the color by 10%, you get **94.2530, -3.5757, 26.9651**, and if you desaturate by 10%, it is **112.0230, -1.4903, 11.3808**.

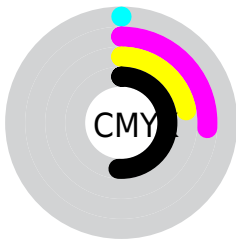
Distribution



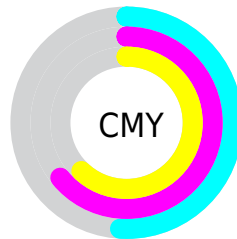
- Red (49%)
- Green (36%)
- Blue (38%)



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



- Cyan (0%)
- Magenta (26%)
- Yellow (22%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 103.1380, -2.5330, 19.1730 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 103.1380, -2.5330, 19.1730 by changing the saturation by 10% instead.

■ 103.1380, -2.5330,
19.1730

■ 103.1380, -2.5330,
19.1730

255.0000, 0.0000,
0.0000

■ 78.8390, -2.3856,
18.5582

■ 154.1490, -2.5385,
20.9173

■ 55.9420, -1.9434,
16.7139

■ 181.3340, -3.1227,
21.6321

■ 34.3440, -1.6486,
15.4843

■ 208.7470, -2.8333,
22.1469

■ 10.5510, -2.2436,
19.6878

■ 234.6540, -1.8014,
17.8434

■ 0.0000, 0.0000,
0.0000

254.4130, 0.2894,
0.5148

■ 103.1380, -2.5330,
19.1730

■ 103.1380, -2.5330,
19.1730

■ 94.2530, -3.5757,
26.9651

■ 112.0230, -1.4903,
11.3808

■ 86.0690, -4.4710,
34.1425

■ 120.2070, -0.5951,
4.2035

■ 77.1840, -5.5137,
41.9346

■ 129.0920, 0.4476,
-3.5887

■ 69.0000, -6.4090,
49.1120

■ 137.2760, 1.3429,
-10.7661

■ 60.7020, -7.7411,
56.3893

■ 145.5740, 2.6750,
-18.0434

■ 51.9310, -8.3470,
64.0815

■ 154.3450, 3.2809,
-25.7356

■ 43.6330, -9.6791,
71.3589

■ 162.6430, 4.6130,
-33.0129

■ 39.6550, -9.6899,

■ 171.4140, 5.2189,

74.8476

-40.7051

 180.2990, 6.2616,
-48.4972

Harmonies

Analogous

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



103.2990, 3.3036, 13.7698



103.1380, -2.5330, 19.1730



102.1720, -7.4798, 19.1432

Triad

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



103.1380, -2.5330, 19.1730



98.9040, -7.8407, -5.1778



98.9790, 11.8424, -18.3986

Complementary

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



103.1380, -2.5330, 19.1730



114.8620, 2.5330, -19.1730

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.



96.8490, 8.9484, -23.5466



103.1380, -2.5330, 19.1730



97.6300, -2.2826, -14.5845

Square

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



103.1380, -2.5330, 19.1730



100.4600, -11.0728, 4.8586



96.4810, 3.7069, -22.3468



100.9310, 11.3730, -7.8325

Rectangle

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



103.1380, -2.5330, 19.1730



102.1670, -9.9423, 15.6395



96.4810, 3.7069, -22.3468



98.1420, 11.2690, -21.1725

Sweetspot

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



103.1380, -2.5330, 19.1730



154.1150, -1.0427, 7.7921



104.7210, 9.9975, 13.3997



75.9190, -0.4531, 5.3330



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



103.1380, -2.5330, 19.1730



128.8620, -3.8760, 29.9390



109.0250, -7.9003, 14.0101



59.2070, -0.5951, 4.2035



40.5520, -10.1321, 76.6919



0.0000, 0.0000, 0.0000

Inverse Universe

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



103.1380, -2.5330, 19.1730



128.8620, -3.8760, 29.9390



108.9750, 7.9003, -14.0101



59.2070, -0.5951, 4.2035



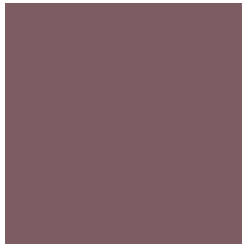
40.5520, -10.1321, 76.6919



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 103.1380, -2.5330, 19.1730 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 103.1380, -2.5330, 19.1730 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 103.1380, -2.5330, 19.1730

Background



This preview shows how black text looks on a background with the YUV color 103.1380, -2.5330, 19.1730.



This preview shows how white text looks on a background with the YUV color 103.1380, -2.5330,

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

103.1380, -2.5330, 19.1730

Protanopia

101.8260, 0.5788, 1.0296

Deuteranopia

102.3710, -2.6479, 9.3216



Tritanopia

103.3660, -1.6594, 18.9730

Trichromacy



Original Color

103.1380, -2.5330, 19.1730

Protanomaly

102.2290, -0.6059, 7.6922

Deuteranomaly

102.3930, -2.6587, 12.8103

Tritanomaly

103.2520, -2.0962, 19.0730

Monochromacy



Original Color

103.1380, -2.5330, 19.1730

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.8160, -0.8953, 7.1774

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1380, -2.5330, 19.1730 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(125, 93, 98)` looks like.

```
.text, #text, p{  
    color:rgb(125, 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(125, 93, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 93, 98) }
```

Border

The CSS property to change the border of an element to YUV 103.1380, -2.5330, 19.1730 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(125, 93, 98) }
```


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

```
.border{ border-color:rgb(125, 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(125, 93, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 93, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 93, 98);  
box-shadow:4px 4px 4px 4px rgb(125, 93,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 103.1380, -2.5330, 19.1730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 93, 98) }
```

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

```
.background{ background-color: rgb(125, 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](#).

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