

Converting Colors

YUV(122.8370, 4.0244, 15.9290)

Have a look what the booklet for
YUV(122.8370, 4.0244, 15.9290)
contains.

YUV(122.8370, 4.0244, 15.9290)	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(122.8370, 4.0244,
15.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7083
RGB	141, 112, 131
RGB Percent	55%, 44%, 51%
CMY	0.4471, 0.5608, 0.4863
CMYK	0.00, 0.21, 0.07, 0.45
HSL	321°, 11%, 50%
HSV	321°, 21%, 55%
XYZ	20.8754, 18.8898, 24.0186
YIQ	122.8370, 11.1850, 12.0570

Conversions

Conversions Part 2

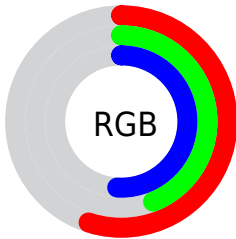
Format	Color
R_{YB}	141, 112, 131
Decimal	9269379
CIE _{Lab}	50.56, 14.78, -6.09
CIE _{LCh}	51, 15.989, 337.616
Yxy	18.8898, 0.3273, 0.2962
Android (android.graphics.Color)	4287459459 (0xFF8D7083)
YUV	122.8370, 4.0244, 15.9290
Hunter-Lab	43.4623, 9.6763, -2.3417

Details

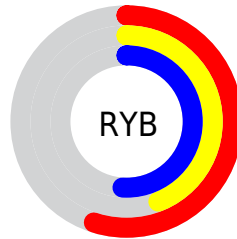
The YUV color $122.8370, 4.0244, 15.9290$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $130.1630, -4.0244, -15.9290$, and the grayscale version is $123.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $175.5490, 4.1663, 17.0585$, and $73.8260, 4.0298, 14.1846$ is the 20% darker color. If you saturate the color by 10%, you get $114.0490, 5.8918, 23.6360$, and if you desaturate by 10%, it is $131.6250, 2.1569, 8.2219$.

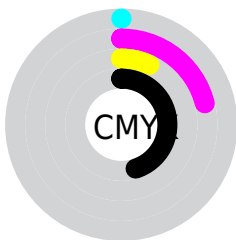
Distribution



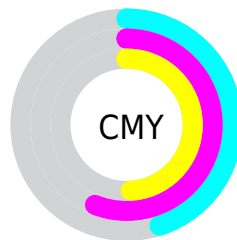
- Red (55%)
- Green (44%)
- Blue (51%)



- Red (55%)
- Yellow (44%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (7%)
- Black (45%)



- Cyan (45%)
- Magenta (56%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.8370, 4.0244, 15.9290 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 122.8370, 4.0244, 15.9290 by changing the saturation by 10% instead.

■ 122.8370, 4.0244,
15.9290

■ 122.8370, 4.0244,
15.9290

■ 255.0000, 0.0000,
0.0000

■ 97.5380, 4.1718,
15.3142

■ 175.5490, 4.1663,
17.0585

■ 73.8260, 4.0298,
14.1846

■ 202.9620, 4.4557,
17.5733

■ 51.4130, 3.7404,
13.6698

■ 231.2610, 4.3083,
18.1881

■ 29.7010, 3.5984,
12.5402

■ 250.3040, 2.3151,
4.1184

■ 9.5980, 3.1562,
14.3846

■ 0.0000, 0.0000,
0.0000

■ 122.8370, 4.0244,
15.9290

■ 122.8370, 4.0244,
15.9290

■ 114.0490, 5.8918,
23.6360

■ 131.6250, 2.1569,
8.2219

■ 105.2610, 7.7593,
31.3431

■ 140.4130, 0.2894,
0.5148

■ 96.4730, 9.6268,
39.0502

■ 149.2010, -1.5781,
-7.1923

■ 87.7990, 11.9311,
46.6573

■ 157.8750, -3.8824,
-14.7994

■ 78.4240, 14.0880,
54.8792

■ 166.6630, -5.7499,
-22.5065

■ 69.6360, 15.9555,
62.5862

■ 176.0380, -7.9067,
-30.7283

■ 60.8480, 17.8229,
70.2933


■ 184.8260, -9.7742,
-38.4354

■ 52.6470, 19.4010,

■ 193.6140,

77.4856

-11.6417, -46.1425

 202.4020,
-13.5092, -53.8496

Harmonies

Analogous

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



122.2530, 9.7353, 4.1631



122.8370, 4.0244, 15.9290



122.7470, -2.8333, 22.1469

Triad

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



122.8370, 4.0244, 15.9290



119.6020, -13.1148, 6.4880



114.8700, 10.4171, -27.9500

Complementary

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



122.8370, 4.0244, 15.9290



130.1630, -4.0244, -15.9290

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.



114.5730, 4.1545, -25.9355



122.8370, 4.0244, 15.9290



118.1490, -9.4405, -5.3927

Square

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



122.8370, 4.0244, 15.9290



120.8960, -12.2737, 16.7542



116.0920, -3.0034, -16.7437



117.4130, 13.6004, -22.2872

Rectangle

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



122.8370, 4.0244, 15.9290



121.7210, -6.7645, 23.0467



116.0920, -3.0034, -16.7437



115.0010, 8.3805, -28.0649

Sweetspot

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



122.8370, 4.0244, 15.9290



177.0870, 1.4361, 6.0627



118.2960, 11.1931, 3.2484



87.6630, 1.1521, 3.8035



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



122.8370, 4.0244, 15.9290



155.1740, 6.3232, 25.2804



121.2410, -2.0908, 17.3286



66.6630, 1.1521, 3.8035



50.5110, 18.9751, 74.0969



2.9620, 1.0047, 4.4183

Inverse Universe

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



122.8370, 4.0244, 15.9290



155.1740, 6.3232, 25.2804



131.7590, 2.0908, -17.3286



66.6630, 1.1521, 3.8035



50.5110, 18.9751, 74.0969



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 122.8370, 4.0244, 15.9290 looks on a white background.

Color Contrast Check

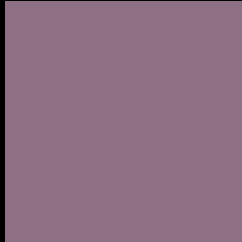
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 122.8370, 4.0244, 15.9290 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](#).

YUV 122.8370, 4.0244, 15.9290

Background



This preview shows how black text looks on a background with the YUV color 122.8370, 4.0244, 15.9290.



This preview shows how white text looks on a background with the YUV color 122.8370, 4.0244,

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

122.8370, 4.0244, 15.9290

Protanopia

121.2260, 7.2836, -2.8292

Deuteranopia

121.7710, 4.0569, 5.4628



Tritanopia

122.0990, -0.0488, 15.6992

Trichromacy



Original Color

122.8370, 4.0244, 15.9290

Protanomaly

121.6290, 6.0989, 3.8334

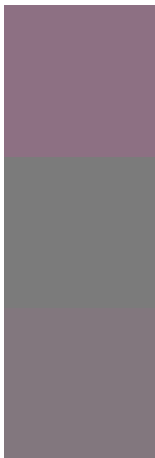
Deuteranomaly

122.0920, 3.8986, 9.5663

Tritanomaly

122.4410, 1.2616, 15.3992

Monochromacy



Original Color

122.8370, 4.0244, 15.9290

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0870, 1.4361, 6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8370, 4.0244, 15.9290 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(141, 112, 131)` looks like.

```
.text, #text, p{  
    color:rgb(141, 112, 131)  
}
```

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(141, 112, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 112, 131) }
```

Border

The CSS property to change the border of an element to YUV 122.8370, 4.0244, 15.9290 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(141, 112, 131) }
```


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

```
.border{ border-color:rgb(141, 112, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 112, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 112, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 112, 131);  
box-shadow:4px 4px 4px 4px rgb(141, 112,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 122.8370, 4.0244, 15.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 112, 131) }
```

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

```
.background{ background-color: rgb(141,  
112, 131) }
```

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