

Converting Colors

YUV(83.3080, 9.7082, 12.8849)

Have a look what the booklet for
YUV(83.3080, 9.7082, 12.8849)
contains.

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Color

**YUV(83.3080, 9.7082,
12.8849)**

Conversions

Conversions Part 1

Format	Color
Hex	624867
RGB	98, 72, 103
RGB Percent	38%, 28%, 40%
CMY	0.6157, 0.7176, 0.5961
CMYK	0.05, 0.30, 0.00, 0.60
HSL	290°, 18%, 34%
HSV	290°, 30%, 40%
XYZ	9.8025, 8.2107, 13.9001
YIQ	83.3080, 5.5450, 15.1530

Conversions

Conversions Part 2

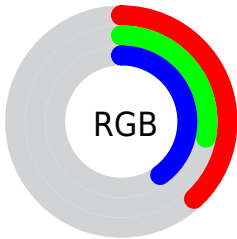
Format	Color
R_{YB}	98, 72, 103
Decimal	6441063
CIE _{Lab}	34.42, 17.16, -13.78
CIE _{LCh}	34, 22.007, 321.241
Yxy	8.2107, 0.3072, 0.2573
Android (android.graphics.Color)	4284631143 (0xFF624867)
YUV	83.3080, 9.7082, 12.8849
Hunter-Lab	28.6543, 10.9194, -8.7035

Details

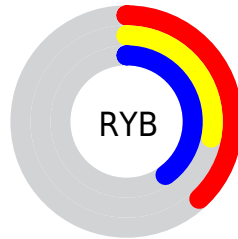
The YUV color **83.3080, 9.7082, 12.8849** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **91.6920, -9.7082, -12.8849**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1340, 10.2869, 13.9145**, and **38.0690, 8.8400, 11.3405** is the 20% darker color. If you saturate the color by 10%, you get **76.8400, 12.8969, 16.8033**, and if you desaturate by 10%, it is **89.7760, 6.5194, 8.9664**.

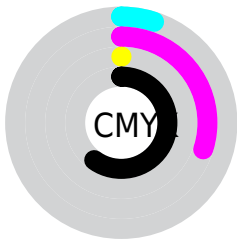
Distribution



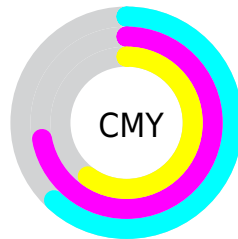
- Red (38%)
- Green (28%)
- Blue (40%)



- Red (38%)
- Yellow (28%)
- Blue (40%)



- Cyan (5%)
- Magenta (30%)
- Yellow (0%)
- Black (60%)



- Cyan (62%)
- Magenta (72%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.3080, 9.7082, 12.8849 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 83.3080, 9.7082, 12.8849 by changing the saturation by 10% instead.

■ 83.3080, 9.7082,
12.8849

■ 83.3080, 9.7082,
12.8849

255.0000, 0.0000,
0.0000

■ 59.8950, 9.4188,
12.3701

■ 133.1340, 10.2869,
13.9145

■ 38.0690, 8.8400,
11.3405

■ 159.5470, 10.5763,
14.4293

■ 15.3080, 9.7082,
12.8849

■ 186.0740, 11.3025,
14.8441

■ 1.1400, 4.3680,
-0.9998

■ 214.3730, 11.1551,
15.4589

■ 0.0000, 0.0000,
0.0000

■ 239.7380, 7.5242,
13.3848

83.3080, 9.7082,
12.8849

83.3080, 9.7082,
12.8849

76.8400, 12.8969,
16.8033

89.7760, 6.5194,
8.9664

70.0840, 16.2276,
21.8513

96.5320, 3.1887,
3.9184

63.6160, 19.4163,
25.7698

103.0000, 0.0000,
0.0000

57.1480, 22.6050,
29.6882

109.4680, -3.1887,
-3.9184

50.9790, 25.6464,
34.2214

116.2240, -6.5194,
-8.9664

43.9240, 29.1245,
38.6547


122.6920, -9.7082,
-12.8849

37.4560, 32.3132,
42.5731

129.1600,
-12.8969, -16.8033

135.3290,

-15.9382, -21.3365

 142.3840,
-19.4163, -25.7698

Harmonies

Analogous

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



81.3920, 15.5827, -4.7288



83.3080, 9.7082, 12.8849



83.3220, 1.8133, 25.1506

Triad

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



83.3080, 9.7082, 12.8849



80.0330, -16.7783, 14.8801



67.0200, 12.8081, -48.2525

Complementary

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



83.3080, 9.7082, 12.8849



91.6920, -9.7082, -12.8849

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.



72.4430, 1.2606, -31.0835



83.3080, 9.7082, 12.8849



78.7000, -15.1351, 1.1401

Square

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



83.3080, 9.7082, 12.8849



81.3100, -13.4638, 25.1611



76.2080, -8.9765, -14.2144



68.7520, 19.3493, -46.2635

Rectangle

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



83.3080, 9.7082, 12.8849



82.2640, -3.5812, 28.7095



76.2080, -8.9765, -14.2144



68.7280, 9.0081, -42.7345

Sweetspot

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



83.3080, 9.7082, 12.8849



127.3580, 3.7675, 4.9480



78.4690, 12.0938, -5.6733



64.0050, 2.4625, 3.5036



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



83.3080, 9.7082, 12.8849



103.8450, 15.3594, 20.3069



83.6630, 4.6031, 16.9585



47.7660, 1.5944, 1.9592



41.8140, 36.0807, 47.5211



88.2850, 75.7815, 100.6051

Inverse Universe

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



81.8390, -2.3856, 18.5582



101.5630, -3.7286, 29.3242



91.3370, -4.6031, -16.9585



47.6090, -0.3002, 2.9739



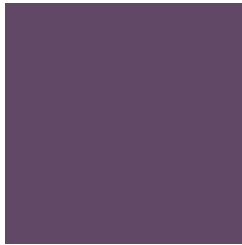
36.5510, -8.6526, 68.7998



76.8040, -18.6374, 144.8769

Previews

White Background



This preview shows how the YUV color 83.3080, 9.7082, 12.8849 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 ✓ Pass

Black Background



This preview shows how the YUV color 83.3080, 9.7082, 12.8849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 83.3080, 9.7082, 12.8849

Background



This preview shows how black text looks on a background with the YUV color 83.3080, 9.7082, 12.8849.

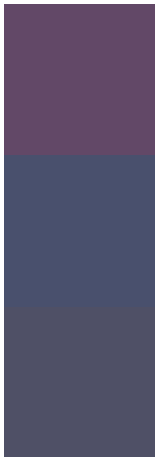


This preview shows how white text looks on a background with the YUV color 83.3080, 9.7082, 12.8849.

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

83.3080, 9.7082, 12.8849

Protanopia

81.2130, 13.6990, -7.2028

Deuteranopia

82.2090, 9.7570, -2.8143



Tritanopia

82.3650, -0.1799, 11.0809

Trichromacy



Original Color

83.3080, 9.7082, 12.8849

Protanomaly

81.9150, 12.3669, 0.0745

Deuteranomaly

82.5410, 9.5933, 3.0335

Tritanomaly

82.9890, 3.4564, 11.4106

Monochromacy



Original Color

83.3080, 9.7082, 12.8849

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9450, 3.4781, 4.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3080, 9.7082, 12.8849 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(98, 72, 103)` looks like.

```
.text, #text, p{  
    color:rgb(98, 72, 103)  
}
```

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(98, 72, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 72, 103) }
```

Border

The CSS property to change the border of an element to YUV 83.3080, 9.7082, 12.8849 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(98, 72, 103) }
```


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

```
.border{ border-color:rgb(98, 72, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 72, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 72, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 72, 103);  
box-shadow:4px 4px 4px 4px rgb(98, 72,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 83.3080, 9.7082, 12.8849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 72, 103) }
```

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

```
.background{ background-color: rgb(98, 72,  
103) }
```

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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