

Converting Colors

YUV(76.9260, 2.5015, 37.7759)

Have a look what the booklet for
YUV(76.9260, 2.5015, 37.7759)
contains.

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Color

**YUV(76.9260, 2.5015,
37.7759)**

Conversions

Conversions Part 1

Format	Color
Hex	783652
RGB	120, 54, 82
RGB Percent	47%, 21%, 32%
CMY	0.5294, 0.7882, 0.6784
CMYK	0.00, 0.55, 0.32, 0.53
HSL	335°, 38%, 34%
HSV	335°, 55%, 47%
XYZ	10.5879, 7.2406, 8.8222
YIQ	76.9260, 30.3480, 22.7000

Conversions

Conversions Part 2

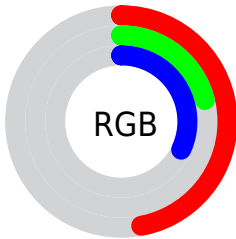
Format	Color
R_{YB}	120, 54, 82
Decimal	7878226
CIE _{Lab}	32.35, 32.18, -3.18
CIE _{LCh}	32, 32.339, 354.349
Yxy	7.2406, 0.3973, 0.2717
Android (android.graphics.Color)	4286068306 (0xFF783652)
YUV	76.9260, 2.5015, 37.7759
Hunter-Lab	26.9084, 23.1464, -0.6030

Details

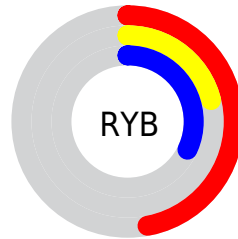
The YUV color **76.9260, 2.5015, 37.7759** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **97.0740, -2.5015, -37.7759**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.4210, 1.7644, 40.8498**, and **26.8980, 4.9803, 36.0465** is the 20% darker color. If you saturate the color by 10%, you get **69.0840, 2.9166, 44.6533**, and if you desaturate by 10%, it is **84.7680, 2.0864, 30.8985**.

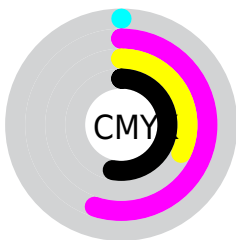
Distribution



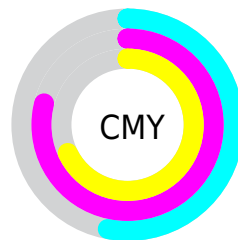
- Red (47%)
- Green (21%)
- Blue (32%)



- Red (47%)
- Yellow (21%)
- Blue (32%)



- Cyan (0%)
- Magenta (55%)
- Yellow (32%)
- Black (53%)





- Cyan (53%)
- Magenta (79%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.9260, 2.5015, 37.7759 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 76.9260, 2.5015, 37.7759 by changing the saturation by 10% instead.

 76.9260, 2.5015,
37.7759


 76.9260, 2.5015,
37.7759


255.0000, 0.0000,
0.0000

 52.4420, 3.2331,
36.4464

 127.4210, 1.7644,
40.8498

 26.8980, 4.9803,
36.0465

 154.3180, 1.3222,
42.6941

 15.6920, 0.6448,
26.5801

 181.6170, 1.1748,
43.3089

 0.0000, 0.0000,
0.0000

 207.8340, 2.0538,
41.3646

 227.4620, 6.1812,
24.1508

 246.1950, 4.3409,

7.7220

■ 76.9260, 2.5015,
37.7759

■ 76.9260, 2.5015,
37.7759

■ 69.0840, 2.9166,
44.6533

■ 84.7680, 2.0864,
30.8985

■ 61.2420, 3.3317,
51.5308

■ 92.6100, 1.6713,
24.0210

■ 53.4000, 3.7468,
58.4082

■ 100.4520, 1.2562,
17.1436

■ 45.5580, 4.1619,
65.2856

■ 108.2940, 0.8411,
10.2662

■ 41.6940, 4.5879,
68.6744

■ 116.1360, 0.4260,
3.3887

■ 123.8640, -0.4260,
-3.3887

■ 131.7060, -0.8411,
-10.2662

■ 139.5480, -1.2562,
-17.1436

■ 147.3900, -1.6713,
-24.0210

Harmonies

Analogous

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



78.6880, 13.4648, 21.3216



76.9260, 2.5015, 37.7759



75.5600, -9.1501, 41.6049

Triad

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



76.9260, 2.5015, 37.7759



71.5550, -21.9656, -1.3637



63.8200, 26.2177, -55.9701

Complementary

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



76.9260, 2.5015, 37.7759



97.0740, -2.5015, -37.7759

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.



62.6000, 16.4662, -54.9002



76.9260, 2.5015, 37.7759



66.9740, -10.8332, -25.4102

Square

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



76.9260, 2.5015, 37.7759



73.5790, -24.9354, 17.9092



59.6360, 5.1095, -52.3008



61.4380, 32.3221, -53.8811

Rectangle

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



76.9260, 2.5015, 37.7759



74.9910, -16.2646, 36.8419



59.6360, 5.1095, -52.3008



63.7230, 23.3076, -55.8851

Sweetspot

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



76.9260, 2.5015, 37.7759



138.3270, 0.8248, 15.4992



72.5870, 23.3746, 16.1482



68.5820, 0.6991, 9.1366



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



76.9260, 2.5015, 37.7759



88.6990, 3.5994, 59.0230



76.0820, -10.8864, 38.5161



57.1360, 0.4260, 3.3887



43.4170, 4.7244, 71.5483



87.5460, 9.5908, 144.2262

Inverse Universe

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



76.9260, 2.5015, 37.7759



88.6990, 3.5994, 59.0230



97.9180, 10.8864, -38.5161



57.1360, 0.4260, 3.3887



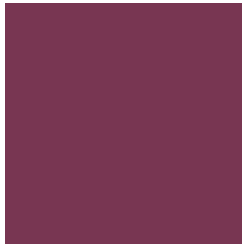
43.4170, 4.7244, 71.5483



87.5460, 9.5908, 144.2262

Previews

White Background



This preview shows how the YUV color 76.9260, 2.5015, 37.7759 looks on a white background.

Color Contrast Check

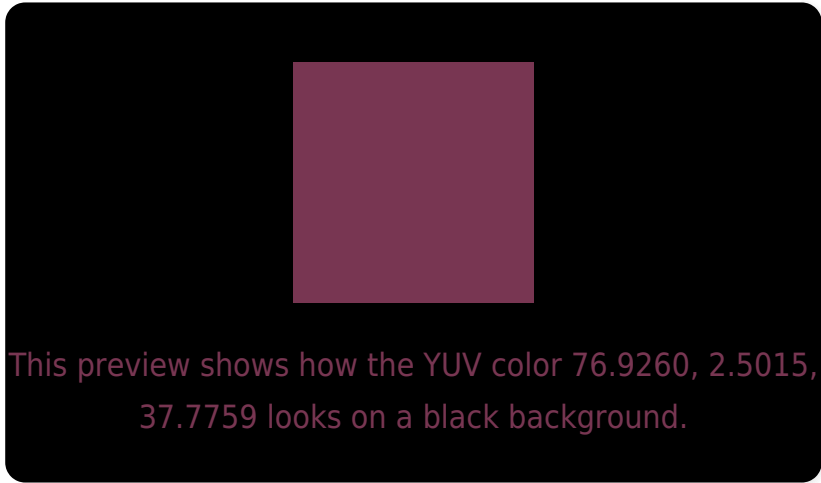
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

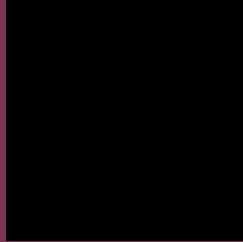
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.9260, 2.5015, 37.7759

Background



This preview shows how black text looks on a background with the YUV color 76.9260, 2.5015, 37.7759.



This preview shows how white text looks on a background with the YUV color 76.9260, 2.5015,

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

76.9260, 2.5015, 37.7759

Protanopia

77.0840, 9.3256, -4.4587

Deuteranopia

77.2610, 0.8573, 5.0331



Tritanopia

76.3960, -7.0972, 36.4867

Trichromacy



Original Color

76.9260, 2.5015, 37.7759

Protanomaly

76.9010, 6.9508, 10.6108

Deuteranomaly

77.1530, 1.4036, 16.5288

Tritanomaly

76.9060, -3.8977, 36.9164

Monochromacy



Original Color

76.9260, 2.5015, 37.7759

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.3160, 0.8302, 13.7549

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.9260, 2.5015, 37.7759 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(120, 54, 82)` looks like.

```
.text, #text, p{  
    color:rgb(120, 54, 82)  
}
```

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(120, 54, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 54, 82) }
```

Border

The CSS property to change the border of an element to YUV 76.9260, 2.5015, 37.7759 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(120, 54, 82) }
```


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

```
.border{ border-color:rgb(120, 54, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 54, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 54, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 54, 82);  
box-shadow:4px 4px 4px 4px rgb(120, 54,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 76.9260, 2.5015, 37.7759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 54, 82) }
```

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

```
.background{ background-color: rgb(120, 54,  
82) }
```

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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