

Converting Colors

YUV(87.2380, 12.7007, 33.1173)

Have a look what the booklet for
YUV(87.2380, 12.7007, 33.1173)
contains.

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Color

**YUV(87.2380, 12.7007,
33.1173)**

Conversions

Conversions Part 1

Format	Color
Hex	7D3F71
RGB	125, 63, 113
RGB Percent	49%, 25%, 44%
CMY	0.5098, 0.7529, 0.5569
CMYK	0.00, 0.50, 0.10, 0.51
HSL	312°, 33%, 37%
HSV	312°, 50%, 49%
XYZ	13.2156, 9.1072, 16.6841
YIQ	87.2380, 20.9020, 28.6940

Conversions

Conversions Part 2

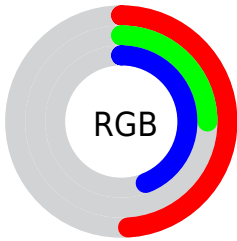
Format	Color
R_{YB}	125, 63, 113
Decimal	8208241
CIE _{Lab}	36.19, 34.07, -17.04
CIE _{LCh}	36, 38.098, 333.431
Yxy	9.1072, 0.3388, 0.2335
Android (android.graphics.Color)	4286398321 (0xFF7D3F71)
YUV	87.2380, 12.7007, 33.1173
Hunter-Lab	30.1782, 25.3566, -11.6539

Details

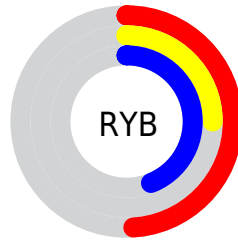
The YUV color **87.2380, 12.7007, 33.1173** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **100.7620, -12.7007, -33.1173**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6620, 12.9846, 35.3764**, and **37.7540, 13.4323, 31.7877** is the 20% darker color. If you saturate the color by 10%, you get **79.9660, 15.2998, 39.4948**, and if you desaturate by 10%, it is **95.0970, 9.8122, 26.2249**.

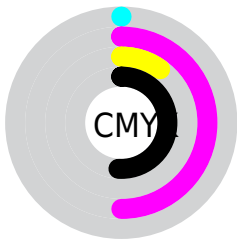
Distribution



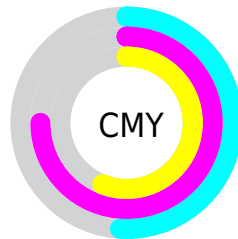
- Red (49%)
- Green (25%)
- Blue (44%)



- Red (49%)
- Yellow (25%)
- Blue (44%)



- Cyan (0%)
- Magenta (50%)
- Yellow (10%)
- Black (51%)



- Cyan (51%)
- Magenta (75%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.2380, 12.7007, 33.1173 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 87.2380, 12.7007, 33.1173 by changing the saturation by 10% instead.

87.2380, 12.7007,
33.1173

87.2380, 12.7007,
33.1173

255.0000, 0.0000,
0.0000

62.5260, 12.5587,
31.9877

138.6620, 12.9846,
35.3764

37.7540, 13.4323,
31.7877

165.3740, 13.1266,
36.5060

19.8520, 11.4120,
26.4398

193.0860, 13.2686,
37.6356

10.2820, 5.7770,
13.7847

217.9220, 15.3215,
32.5174

0.0000, 0.0000,
0.0000

235.6290, 9.5499,
16.9884

252.0650, 1.4470,

2.5740

■ 87.2380, 12.7007,
33.1173

■ 87.2380, 12.7007,
33.1173

■ 79.9660, 15.2998,
39.4948

■ 95.0970, 9.8122,
26.2249

■ 71.9930, 17.7515,
46.4871

■ 102.4830, 7.6499,
19.7474

■ 64.7210, 20.3505,
52.8647

■ 110.3420, 4.7614,
12.8551

■ 56.7480, 22.8022,
59.8570

■ 117.7280, 2.5991,
6.3775

■ 49.4760, 25.4013,
66.2345

■ 125.5870, -0.2894,
-0.5148

■ 48.8890, 25.6907,
66.7493

■ 132.9730, -2.4517,
-6.9923

■ 140.8320, -5.3402,
-13.8847

■ 148.1040, -7.9393,
-20.2622

■ 156.0770,
-10.3910, -27.2545

Harmonies

Analogous

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



87.3250, 23.9968, 3.2230



87.2380, 12.7007, 33.1173



84.7810, -0.8780, 48.4271

Triad

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



87.2380, 12.7007, 33.1173



81.2490, -31.1818, 14.6906



71.5650, 22.8925, -62.7625

Complementary

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



87.2380, 12.7007, 33.1173



100.7620, -12.7007, -33.1173

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.



68.7320, 9.4991, -60.2780



87.2380, 12.7007, 33.1173



78.1580, -23.2489, -9.7856

Square

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



87.2380, 12.7007, 33.1173



82.9340, -26.5895, 35.1379



68.6940, -6.2581, -46.2126



71.6110, 33.2228, -62.8028

Rectangle

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



87.2380, 12.7007, 33.1173



83.6750, -10.1928, 49.3970



68.6940, -6.2581, -46.2126



71.1260, 18.6719, -62.3775

Sweetspot

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



87.2380, 12.7007, 33.1173



148.3420, 4.7614, 12.8551



73.3570, 25.4600, 0.5639



72.8530, 3.0305, 8.0219



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.



87.2380, 12.7007, 33.1173



103.3080, 20.0612, 52.3499



83.8180, -0.4033, 36.1166



59.7770, 1.5889, 3.7036



50.0140, 26.1221, 68.3937



0.0000, 0.0000, 0.0000

Inverse Universe

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



87.2380, 12.7007, 33.1173



103.3080, 20.0612, 52.3499



104.1820, 0.4033, -36.1166



59.7770, 1.5889, 3.7036



50.0140, 26.1221, 68.3937



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 87.2380, 12.7007, 33.1173 looks on a white background.

Color Contrast Check

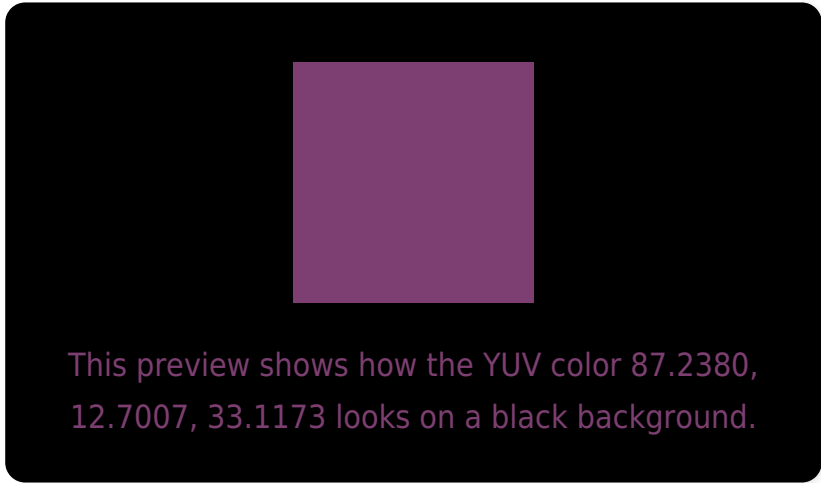
Large Text (above 18pt) WCAG AA ✓ Pass

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

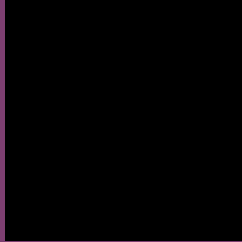
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.2380, 12.7007, 33.1173

Background



This preview shows how black text looks on a background with the YUV color 87.2380, 12.7007, 33.1173.



This preview shows how white text looks on a background with the YUV color 87.2380, 12.7007,

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

87.2380, 12.7007, 33.1173

Protanopia

85.0580, 22.1564, -13.2059

Deuteranopia

86.2520, 11.2148, -3.7290



Tritanopia

86.6340, -4.7496, 30.1390

Trichromacy



Original Color

87.2380, 12.7007, 33.1173

Protanomaly

85.6580, 18.9026, 3.8079

Deuteranomaly

86.4540, 11.6082, 10.1258

Tritanomaly

86.6540, 1.6496, 30.9984

Monochromacy



Original Color

87.2380, 12.7007, 33.1173

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9290, 4.4720, 12.3403

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.2380, 12.7007, 33.1173 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, 63, 113)` looks like.

```
.text, #text, p{  
    color:rgb(125, 63, 113)  
}
```

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, 63, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 63, 113) }
```

Border

The CSS property to change the border of an element to YUV 87.2380, 12.7007, 33.1173 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, 63, 113) }
```


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

```
.border{ border-color:rgb(125, 63, 113) }
```

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

Here you see how a box with a 4 pixel rgb(125, 63, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 63, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 63, 113);  
box-shadow:4px 4px 4px 4px rgb(125, 63,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 87.2380, 12.7007, 33.1173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 63, 113) }
```

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

```
.background{ background-color: rgb(125, 63,  
113) }
```

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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