

Converting Colors

YUV(87.3780, 17.0686, 32.1175)

Have a look what the booklet for
YUV(87.3780, 17.0686, 32.1175)
contains.

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Color

**YUV(87.3780, 17.0686,
32.1175)**

Conversions

Conversions Part 1

Format	Color
Hex	7C3E7A
RGB	124, 62, 122
RGB Percent	49%, 24%, 48%
CMY	0.5137, 0.7569, 0.5216
CMYK	0.00, 0.50, 0.02, 0.51
HSL	302°, 33%, 36%
HSV	302°, 50%, 49%
XYZ	13.5477, 9.1355, 19.4616
YIQ	87.3780, 17.6920, 31.8040

Conversions

Conversions Part 2

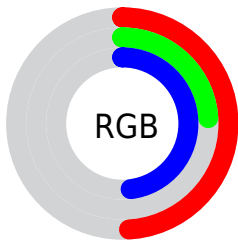
Format	Color
RYB	124, 62, 122
Decimal	8142458
CIELab	36.24, 35.99, -22.58
CIElCh	36, 42.493, 327.894
Yxy	9.1355, 0.3215, 0.2168
Android (android.graphics.Color)	4286332538 (0xFF7C3E7A)
YUV	87.3780, 17.0686, 32.1175
Hunter-Lab	30.2249, 27.1150, -17.0190

Details

The YUV color **87.3780, 17.0686, 32.1175** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **98.6220, -17.0686, -32.1175**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.9160, 17.7894, 34.2767**, and **37.1930, 17.6529, 31.4027** is the 20% darker color. If you saturate the color by 10%, you get **80.3340, 20.5413, 38.2951**, and if you desaturate by 10%, it is **94.4220, 13.5960, 25.9399**.

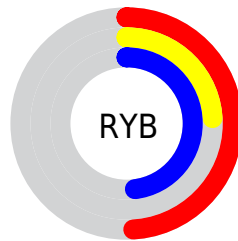
Distribution



Red (49%)

Green (24%)

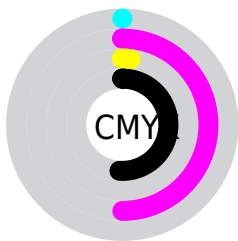
Blue (48%)



Red (49%)

Yellow (24%)

Blue (48%)

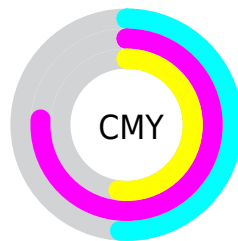


Cyan (0%)

Magenta (50%)

Yellow (2%)

Black (51%)



Cyan (51%)

Magenta (76%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.3780, 17.0686, 32.1175 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 87.3780, 17.0686, 32.1175 by changing the saturation by 10% instead.

■ 87.3780, 17.0686,
32.1175

■ 87.3780, 17.0686,
32.1175

■ 255.0000, 0.0000,
0.0000

■ 62.6660, 16.9267,
30.9879

■ 138.9160, 17.7894,
34.2767

■ 37.1930, 17.6529,
31.4027

■ 165.6280, 17.9314,
35.4062

■ 20.3510, 14.6170,
25.1252

■ 193.3400, 18.0734,
36.5358

■ 10.7810, 8.9820,
12.4701

■ 218.6060, 17.9422,
31.9175

■ 0.0000, 0.0000,
0.0000

■ 235.0420, 9.8393,
17.5032

■ 252.0650, 1.4470,

2.5740

■ 87.3780, 17.0686,
32.1175

■ 87.3780, 17.0686,
32.1175

■ 80.3340, 20.5413,
38.2951

■ 94.4220, 13.5960,
25.9399

■ 72.5890, 23.8666,
45.0874

■ 102.1670, 10.2707,
19.1475

■ 65.5450, 27.3393,
51.2650

■ 109.2110, 6.7980,
12.9700

■ 57.8000, 30.6646,
58.0574

■ 116.9560, 3.4727,
6.1776

■ 50.7560, 34.1373,
64.2350

■ 124.0000, 0.0000,
0.0000

■ 131.0440, -3.4727,
-6.1776

■ 138.7890, -6.7980,
-12.9700

■ 145.8330,
-10.2707, -19.1475

■ 153.5780,
-13.5960, -25.9399

Harmonies

Analogous

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



85.7630, 29.6968, -5.0542



87.3780, 17.0686, 32.1175



83.7260, 2.6001, 52.8603

Triad

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



87.3780, 17.0686, 32.1175



80.5010, -36.7290, 20.6086



72.5110, 21.4401, -63.5921

Complementary

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



87.3780, 17.0686, 32.1175



98.6220, -17.0686, -32.1175

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.



68.6350, 6.5889, -60.1929



87.3780, 17.0686, 32.1175



77.8720, -29.5169, -6.0267

Square

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



87.3780, 17.0686, 32.1175



82.3370, -27.7741, 41.8005



67.9670, -10.3367, -44.6981



73.8280, 34.1018, -64.7472

Rectangle

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



87.3780, 17.0686, 32.1175



82.5880, -8.1779, 56.4893



67.9670, -10.3367, -44.6981



71.2570, 16.6353, -62.4924

Sweetspot

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



87.3780, 17.0686, 32.1175



146.7980, 6.5086, 12.4552



69.3670, 26.9341, -5.5839



73.0810, 3.9041, 7.8220



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.



87.3780, 17.0686, 32.1175



103.7190, 26.7605, 50.2354



83.9580, 3.9647, 35.1168



57.4780, 1.7363, 3.0888



51.1690, 34.4267, 64.7498



103.1640, 69.4321, 130.5292

Inverse Universe

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



87.3780, 17.0686, 32.1175



103.7190, 26.7605, 50.2354



102.0420, -3.9647, -35.1168



57.4780, 1.7363, 3.0888



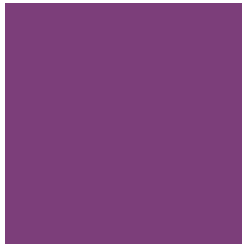
51.1690, 34.4267, 64.7498



103.1640, 69.4321, 130.5292

Previews

White Background



This preview shows how the YUV color 87.3780, 17.0686, 32.1175 looks on a white background.

Color Contrast Check

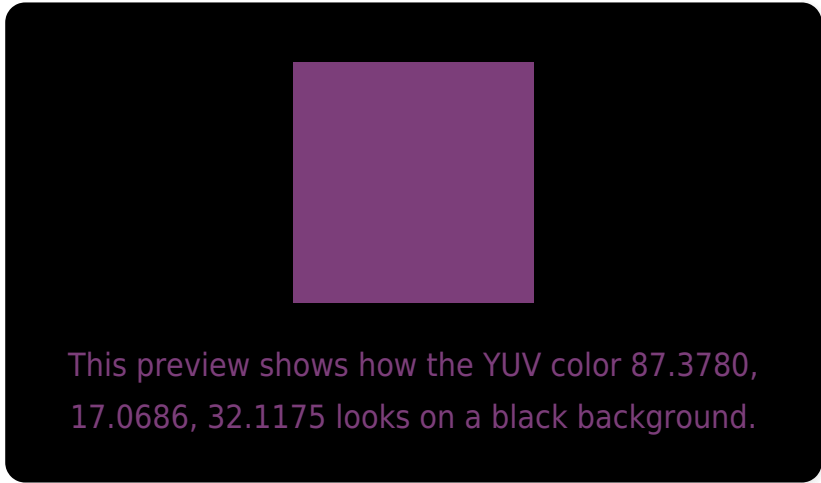
Large Text (above 18pt) WCAG AA ✓ Pass

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

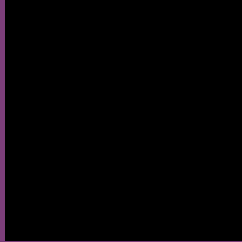
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.3780, 17.0686, 32.1175

Background



This preview shows how black text looks on a background with the YUV color 87.3780, 17.0686, 32.1175.



This preview shows how white text looks on a background with the YUV color 87.3780, 17.0686,

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

87.3780, 17.0686, 32.1175

Protanopia

84.2190, 27.9930, -18.6091

Deuteranopia

86.0710, 15.7410, -8.8323



Tritanopia

87.3240, -4.5967, 27.7799

Trichromacy



Original Color

87.3780, 17.0686, 32.1175

Protanomaly

85.3030, 24.0076, -0.2657

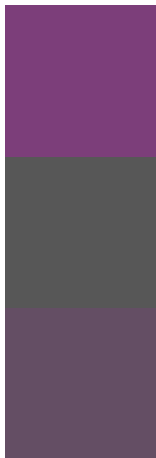
Deuteranomaly

86.5720, 15.9870, 5.6374

Tritanomaly

87.3980, 3.2548, 29.4690

Monochromacy



Original Color

87.3780, 17.0686, 32.1175

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0860, 6.3666, 11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3780, 17.0686, 32.1175 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(124, 62, 122)` looks like.

```
.text, #text, p{  
    color:rgb(124, 62, 122)  
}
```

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(124, 62, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 62, 122) }
```

Border

The CSS property to change the border of an element to YUV 87.3780, 17.0686, 32.1175 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(124, 62, 122) }
```


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

```
.border{ border-color:rgb(124, 62, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 62, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 62, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 62, 122);  
box-shadow:4px 4px 4px 4px rgb(124, 62,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 87.3780, 17.0686, 32.1175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 62, 122) }
```

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

```
.background{ background-color: rgb(124, 62,  
122) }
```

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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