

Converting Colors

YUV(89.5260, 12.5587, 31.9877)

Have a look what the booklet for
YUV(89.5260, 12.5587, 31.9877)
contains.

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Color

**YUV(89.5260, 12.5587,
31.9877)**

Conversions

Conversions Part 1

Format	Color
Hex	7E4273
RGB	126, 66, 115
RGB Percent	49%, 26%, 45%
CMY	0.5059, 0.7412, 0.5490
CMYK	0.00, 0.48, 0.09, 0.51
HSL	311°, 31%, 38%
HSV	311°, 48%, 49%
XYZ	13.6469, 9.5699, 17.3476
YIQ	89.5260, 20.0310, 27.9590

Conversions

Conversions Part 2

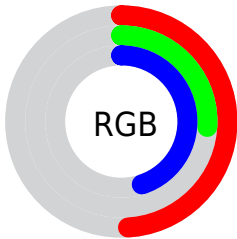
Format	Color
R_{YB}	126, 66, 115
Decimal	8274547
CIE _{Lab}	37.06, 33.12, -16.94
CIE _{LCh}	37, 37.199, 332.906
Yxy	9.5699, 0.3364, 0.2359
Android (android.graphics.Color)	4286464627 (0xFF7E4273)
YUV	89.5260, 12.5587, 31.9877
Hunter-Lab	30.9352, 24.6079, -11.5935

Details

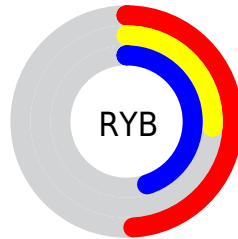
The YUV color **89.5260, 12.5587, 31.9877** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **102.4740, -12.5587, -31.9877**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.9500, 12.8426, 34.2468**, and **40.0420, 13.2903, 30.6582** is the 20% darker color. If you saturate the color by 10%, you get **81.6670, 15.4472, 38.8800**, and if you desaturate by 10%, it is **97.3850, 9.6702, 25.0954**.

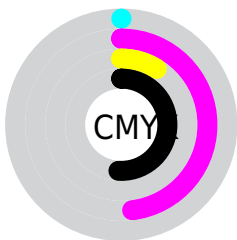
Distribution



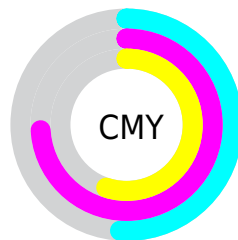
- Red (49%)
- Green (26%)
- Blue (45%)



- Red (49%)
- Yellow (26%)
- Blue (45%)



- Cyan (0%)
- Magenta (48%)
- Yellow (9%)
- Black (51%)



- Cyan (51%)
- Magenta (74%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.5260, 12.5587, 31.9877 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 89.5260, 12.5587, 31.9877 by changing the saturation by 10% instead.

89.5260, 12.5587,
31.9877

89.5260, 12.5587,
31.9877

255.0000, 0.0000,
0.0000

64.8140, 12.4167,
30.8581

140.9500, 12.8426,
34.2468

40.0420, 13.2903,
30.6582

167.6620, 12.9846,
35.3764

20.2650, 11.7014,
26.9546

195.3740, 13.1266,
36.5060

11.4070, 6.2083,
15.4291

220.4980, 15.0375,
30.2583

0.0000, 0.0000,
0.0000

237.3900, 8.6817,
15.4440

254.4130, 0.2894,

0.5148

■ 89.5260, 12.5587,
31.9877

■ 89.5260, 12.5587,
31.9877

■ 81.6670, 15.4472,
38.8800

■ 97.3850, 9.6702,
25.0954

■ 74.2810, 17.6095,
45.3576

■ 104.7710, 7.5079,
18.6178

■ 66.4220, 20.4980,
52.2499

■ 112.6300, 4.6194,
11.7255

■ 59.1500, 23.0970,
58.6274

■ 119.9020, 2.0203,
5.3479

■ 51.1770, 25.5487,
65.6198

■ 127.8750, -0.4314,
-1.6444

■ 49.4160, 26.4169,
67.1642

■ 135.7340, -3.3199,
-8.5367

■ 143.0060, -5.9190,
-14.9143

■ 150.8650, -8.8074,
-21.8066

■ 158.2510,
-10.9697, -28.2841

Harmonies

Analogous

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



89.0260, 24.1442, 2.6082



89.5260, 12.5587, 31.9877



87.0690, -1.0200, 47.2975

Triad

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



89.5260, 12.5587, 31.9877



83.8900, -30.0188, 15.0055



72.8530, 22.7505, -63.8921

Complementary

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



89.5260, 12.5587, 31.9877



102.4740, -12.5587, -31.9877

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.



70.0200, 9.3571, -61.4075



89.5260, 12.5587, 31.9877



80.5710, -22.9595, -9.2708

Square

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



89.5260, 12.5587, 31.9877



85.7490, -26.0053, 34.4231



72.6020, -6.7058, -42.6240



72.8990, 33.0808, -63.9324

Rectangle

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



89.5260, 12.5587, 31.9877



86.3760, -10.0454, 48.7822



72.6020, -6.7058, -42.6240



72.4140, 18.5299, -63.5071

Sweetspot

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



89.5260, 12.5587, 31.9877



149.0430, 4.9088, 12.2403



76.1290, 24.5864, 0.7639



73.4400, 2.7411, 7.5071



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.



89.5260, 12.5587, 31.9877



106.4710, 19.4878, 49.5759



86.1060, -0.5453, 34.9870



59.7770, 1.5889, 3.7036



50.1280, 26.5589, 68.2937



0.0000, 0.0000, 0.0000

Inverse Universe

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



89.5260, 12.5587, 31.9877



106.4710, 19.4878, 49.5759



105.8940, 0.5453, -34.9870



59.7770, 1.5889, 3.7036



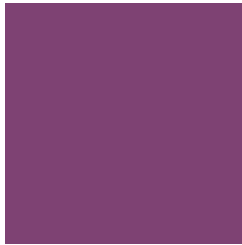
50.1280, 26.5589, 68.2937



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 89.5260, 12.5587, 31.9877 looks on a white background.

Color Contrast Check

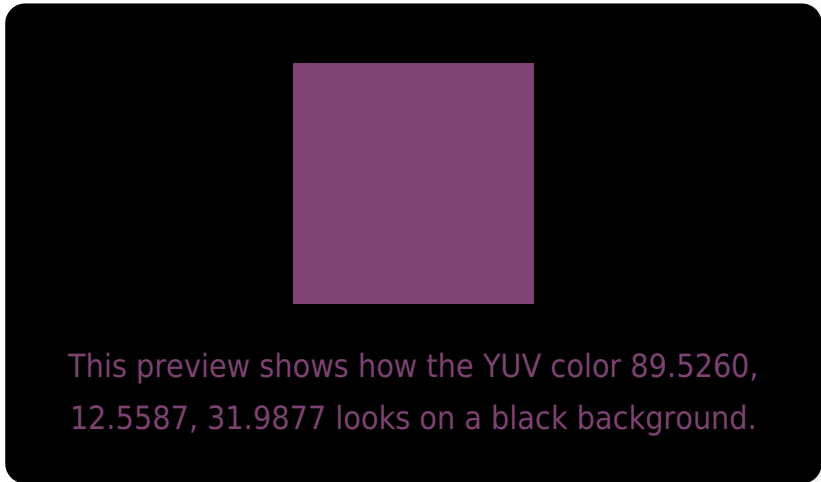
Large Text (above 18pt) WCAG AA ✓ Pass

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

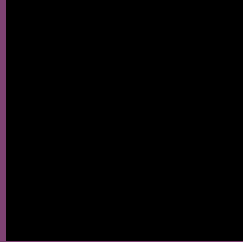
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.5260, 12.5587, 31.9877

Background



This preview shows how black text looks on a background with the YUV color 89.5260, 12.5587, 31.9877.



This preview shows how white text looks on a background with the YUV color 89.5260, 12.5587,

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

89.5260, 12.5587, 31.9877

Protanopia

87.2430, 21.5722, -12.4911

Deuteranopia

88.2520, 11.2148, -3.7290



Tritanopia

88.9220, -4.8915, 29.0094

Trichromacy



Original Color

89.5260, 12.5587, 31.9877

Protanomaly

88.1310, 18.1764, 3.3931

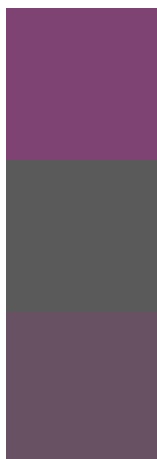
Deuteranomaly

88.7420, 11.4662, 8.9963

Tritanomaly

88.9420, 1.5076, 29.8689

Monochromacy



Original Color

89.5260, 12.5587, 31.9877

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.6300, 4.6194, 11.7255

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5260, 12.5587, 31.9877 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(126, 66, 115)` looks like.

```
.text, #text, p{  
    color:rgb(126, 66, 115)  
}
```

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(126, 66, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 66, 115) }
```

Border

The CSS property to change the border of an element to YUV 89.5260, 12.5587, 31.9877 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(126, 66, 115) }
```


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

```
.border{ border-color:rgb(126, 66, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 66, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 66, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 66, 115);  
box-shadow:4px 4px 4px 4px rgb(126, 66,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 89.5260, 12.5587, 31.9877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 66, 115) }
```

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

```
.background{ background-color: rgb(126, 66,  
115) }
```

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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