

Converting Colors

YUV(87.1840, 11.2483, 32.2876)

Have a look what the booklet for
YUV(87.1840, 11.2483, 32.2876)
contains.

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Color

**YUV(87.1840, 11.2483,
32.2876)**

Conversions

Conversions Part 1

Format	Color
Hex	7C406E
RGB	124, 64, 110
RGB Percent	49%, 25%, 43%
CMY	0.5137, 0.7490, 0.5686
CMYK	0.00, 0.48, 0.11, 0.51
HSL	314°, 32%, 37%
HSV	314°, 48%, 49%
XYZ	12.9600, 9.0777, 15.8209
YIQ	87.1840, 20.9940, 27.0260

Conversions

Conversions Part 2

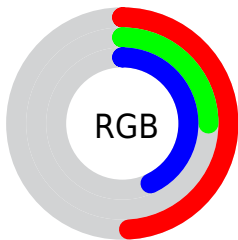
Format	Color
RYB	124, 64, 110
Decimal	8142958
CIELab	36.13, 32.64, -15.26
CIElCh	36, 36.029, 334.942
Yxy	9.0777, 0.3423, 0.2398
Android (android.graphics.Color)	4286333038 (0xFF7C406E)
YUV	87.1840, 11.2483, 32.2876
Hunter-Lab	30.1292, 24.0557, -10.0430

Details

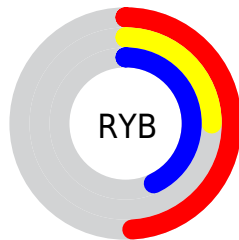
The YUV color **87.1840, 11.2483, 32.2876** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **100.8160, -11.2483, -32.2876**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6080, 11.5323, 34.5468**, and **37.7000, 11.9799, 30.9581** is the 20% darker color. If you saturate the color by 10%, you get **79.7980, 13.4106, 38.7652**, and if you desaturate by 10%, it is **94.5700, 9.0860, 25.8101**.

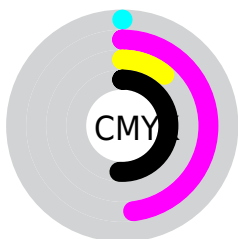
Distribution



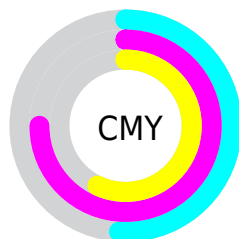
- Red (49%)
- Green (25%)
- Blue (43%)



- Red (49%)
- Yellow (25%)
- Blue (43%)



- Cyan (0%)
- Magenta (48%)
- Yellow (11%)
- Black (51%)



- Cyan (51%)
- Magenta (75%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.1840, 11.2483, 32.2876 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 87.1840, 11.2483, 32.2876 by changing the saturation by 10% instead.

87.1840, 11.2483,
32.2876

87.1840, 11.2483,
32.2876

255.0000, 0.0000,
0.0000

62.5860, 11.5431,
31.0581

138.6080, 11.5323,
34.5468

37.7000, 11.9799,
30.9581

165.3200, 11.6742,
35.6764

19.2110, 10.2490,
26.1250

193.0320, 11.8162,
36.8059

9.6410, 4.6140,
13.4698

218.0530, 13.2849,
32.4025

0.0000, 0.0000,
0.0000

235.6290, 9.5499,
16.9884

252.6520, 1.1576,

2.0592

■ 87.1840, 11.2483,
32.2876

■ 87.1840, 11.2483,
32.2876

■ 79.7980, 13.4106,
38.7652

■ 94.5700, 9.0860,
25.8101

■ 71.8250, 15.8623,
45.7575

■ 102.5430, 6.6343,
18.8178

■ 64.4390, 18.0246,
52.2350

■ 109.9290, 4.4720,
12.3403

■ 56.4660, 20.4763,
59.2273

■ 117.9020, 2.0203,
5.3479

■ 49.1940, 23.0754,
65.6049

■ 125.1740, -0.5788,
-1.0296

■ 47.9060, 23.2173,
66.7344

■ 132.5600, -2.7411,
-7.5071

■ 140.5330, -5.1928,
-14.4994

■ 147.9190, -7.3551,
-20.9770

■ 155.8920, -9.8068,
-27.9693

Harmonies

Analogous

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



86.9940, 22.6810, 5.2673



87.1840, 11.2483, 32.2876



85.1290, -2.0356, 46.3679

Triad

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



87.1840, 11.2483, 32.2876



81.2210, -28.7030, 12.9612



70.8640, 22.7450, -62.1477

Complementary

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



87.1840, 11.2483, 32.2876



100.8160, -11.2483, -32.2876

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.



68.2590, 10.2253, -59.8631



87.1840, 11.2483, 32.2876



78.3150, -21.3543, -10.8003

Square

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



87.1840, 11.2483, 32.2876



83.5530, -25.4156, 31.9640



69.6450, -5.2480, -43.5387



70.7960, 32.6386, -62.0881

Rectangle

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



87.1840, 11.2483, 32.2876



84.1370, -10.9135, 47.2379



69.6450, -5.2480, -43.5387



70.4250, 18.5245, -61.7627

Sweetspot

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



87.1840, 11.2483, 32.2876



146.2280, 4.3246, 12.9550



75.0260, 24.1442, 2.6082



72.7390, 2.5937, 8.1219



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.



87.1840, 11.2483, 32.2876



103.3140, 17.5932, 50.5906



83.7640, -1.8557, 35.2870



57.3640, 1.2995, 3.1888



48.3190, 23.5067, 67.2492



97.4640, 47.5922, 135.5281

Inverse Universe

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



87.1840, 11.2483, 32.2876



103.3140, 17.5932, 50.5906



104.2360, 1.8557, -35.2870



57.3640, 1.2995, 3.1888



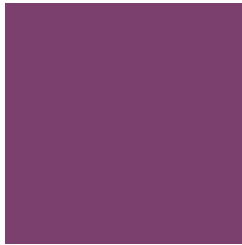
48.3190, 23.5067, 67.2492



97.4640, 47.5922, 135.5281

Previews

White Background



This preview shows how the YUV color 87.1840, 11.2483, 32.2876 looks on a white background.

Color Contrast Check

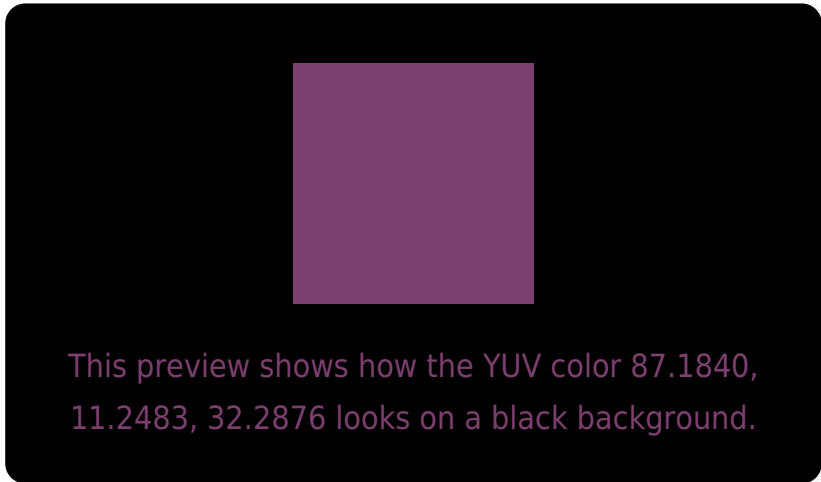
Large Text (above 18pt) WCAG AA ✓ Pass

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

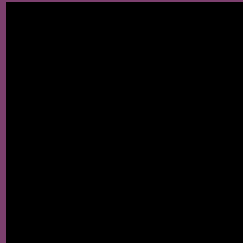
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.1840, 11.2483, 32.2876

Background



This preview shows how black text looks on a background with the YUV color 87.1840, 11.2483, 32.2876.



This preview shows how white text looks on a background with the YUV color 87.1840, 11.2483,

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

87.1840, 11.2483, 32.2876

Protanopia

85.0860, 19.6776, -11.4764

Deuteranopia

86.3230, 10.1938, -2.9143



Tritanopia

86.3350, -4.6022, 29.5242

Trichromacy



Original Color

87.1840, 11.2483, 32.2876

Protanomaly

86.0880, 16.7186, 4.3078

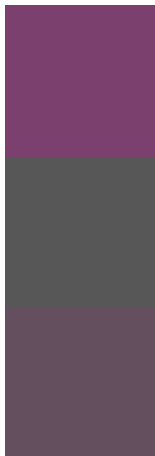
Deuteranomaly

86.8130, 10.4452, 9.8110

Tritanomaly

86.2410, 1.3602, 30.4836

Monochromacy



Original Color

87.1840, 11.2483, 32.2876

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1030, 3.8932, 11.3107

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.1840, 11.2483, 32.2876 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, 64, 110)` looks like.

```
.text, #text, p{  
    color:rgb(124, 64, 110)  
}
```

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, 64, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 64, 110) }
```

Border

The CSS property to change the border of an element to YUV 87.1840, 11.2483, 32.2876 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, 64, 110) }
```


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

```
.border{ border-color:rgb(124, 64, 110) }
```

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

Here you see how a box with a 4 pixel rgb(124, 64, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 64, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 64, 110);  
box-shadow:4px 4px 4px 4px rgb(124, 64,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 87.1840, 11.2483, 32.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 64, 110) }
```

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

```
.background{ background-color: rgb(124, 64,  
110) }
```

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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