

Converting Colors

YUV(87.1280, 16.2059, 28.8287)

Have a look what the booklet for
YUV(87.1280, 16.2059, 28.8287)
contains.

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Color

**YUV(87.1280, 16.2059,
28.8287)**

Conversions

Conversions Part 1

Format	Color
Hex	784078
RGB	120, 64, 120
RGB Percent	47%, 25%, 47%
CMY	0.5294, 0.7490, 0.5294
CMYK	0.00, 0.47, 0.00, 0.53
HSL	300°, 30%, 36%
HSV	300°, 47%, 47%
XYZ	12.9693, 9.0159, 18.8260
YIQ	87.1280, 15.4000, 29.2880

Conversions

Conversions Part 2

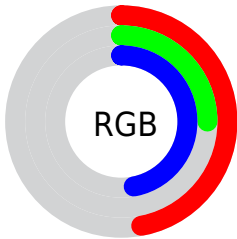
Format	Color
R_{YB}	120, 64, 120
Decimal	7880824
CIE _{Lab}	36.01, 33.21, -21.74
CIE _{LCh}	36, 39.692, 326.792
Yxy	9.0159, 0.3178, 0.2209
Android (android.graphics.Color)	4286070904 (0xFF784078)
YUV	87.1280, 16.2059, 28.8287
Hunter-Lab	30.0265, 24.5526, -16.1550

Details

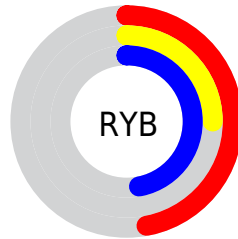
The YUV color **87.1280, 16.2059, 28.8287** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **96.8720, -16.2059, -28.8287**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.5520, 16.4899, 31.0879**, and **38.4160, 16.0639, 27.6992** is the 20% darker color. If you saturate the color by 10%, you get **80.0840, 19.6786, 35.0063**, and if you desaturate by 10%, it is **94.1720, 12.7332, 22.6512**.

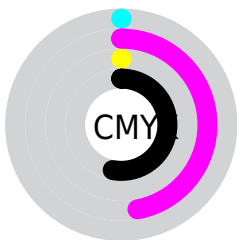
Distribution



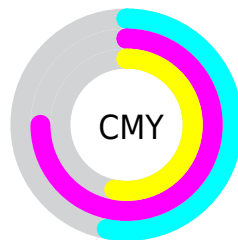
- Red (47%)
- Green (25%)
- Blue (47%)



- Red (47%)
- Yellow (25%)
- Blue (47%)



- Cyan (0%)
- Magenta (47%)
- Yellow (0%)
- Black (53%)



- Cyan (53%)
- Magenta (75%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.1280, 16.2059, 28.8287 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 87.1280, 16.2059, 28.8287 by changing the saturation by 10% instead.

87.1280, 16.2059,
28.8287

87.1280, 16.2059,
28.8287

255.0000, 0.0000,
0.0000

62.4160, 16.0639,
27.6992

138.5520, 16.4899,
31.0879

38.4160, 16.0639,
27.6992

165.0790, 17.2161,
31.5027

19.3400, 14.6224,
23.3808

192.7910, 17.3580,
32.6323

9.3570, 8.6980,
10.2109

219.1930, 17.6529,
31.4027

0.0000, 0.0000,
0.0000

235.6290, 9.5499,
16.9884

252.6520, 1.1576,

2.0592

■ 87.1280, 16.2059,
28.8287

■ 87.1280, 16.2059,
28.8287

■ 80.0840, 19.6786,
35.0063

■ 94.1720, 12.7332,
22.6512

■ 73.0400, 23.1513,
41.1839

■ 101.2160, 9.2605,
16.4736

■ 65.9960, 26.6240,
47.3615

■ 108.2600, 5.7878,
10.2960

■ 58.9520, 30.0967,
53.5391

■ 115.3040, 2.3151,
4.1184

■ 51.9080, 33.5694,
59.7167

■ 122.3480, -1.1576,
-2.0592

■ 49.5600, 34.7269,
61.7759

■ 129.3920, -4.6303,
-8.2368

■ 136.4360, -8.1029,
-14.4144

■ 143.4800,
-11.5756, -20.5920

■ 150.5240,
-15.0483, -26.7695

Harmonies

Analogous

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



85.5950, 27.8077, -5.7838



87.1280, 16.2059, 28.8287



84.2910, 2.3215, 48.8568

Triad

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



87.1280, 16.2059, 28.8287



80.8260, -32.9452, 20.3236



71.4680, 19.9823, -62.6774

Complementary

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



87.1280, 16.2059, 28.8287



96.8720, -16.2059, -28.8287

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.



67.8200, 6.0047, -59.4781



87.1280, 16.2059, 28.8287



77.8660, -27.0489, -4.2675

Square

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



87.1280, 16.2059, 28.8287



82.8960, -25.5847, 39.5562



70.7830, -11.2320, -37.5207



72.5570, 31.7704, -63.6325

Rectangle

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



87.1280, 16.2059, 28.8287



83.3810, -7.5828, 52.2859



70.7830, -11.2320, -37.5207



70.3280, 15.6143, -61.6777

Sweetspot

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



87.1280, 16.2059, 28.8287



143.0860, 6.3666, 11.3256



70.3840, 24.4607, -5.5988



71.3690, 3.7621, 6.6924



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.



87.1280, 16.2059, 28.8287



104.3440, 25.4664, 45.3023



83.9360, 3.9756, 31.6281



57.4780, 1.7363, 3.0888



51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Inverse Universe

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



87.1280, 16.2059, 28.8287



104.3440, 25.4664, 45.3023



100.0640, -3.9756, -31.6281



57.4780, 1.7363, 3.0888



51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Previews

White Background



This preview shows how the YUV color 87.1280, 16.2059, 28.8287 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

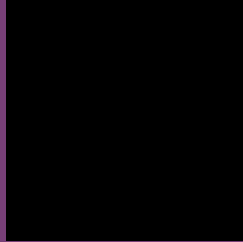
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.1280, 16.2059, 28.8287

Background



This preview shows how black text looks on a background with the YUV color 87.1280, 16.2059, 28.8287.



This preview shows how white text looks on a background with the YUV color 87.1280, 16.2059,

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

87.1280, 16.2059, 28.8287

Protanopia

84.2470, 25.5142, -16.8796

Deuteranopia

85.2560, 15.1568, -8.1175



Tritanopia

86.8290, -3.8597, 24.7060

Trichromacy



Original Color

87.1280, 16.2059, 28.8287

Protanomaly

85.4340, 21.9710, -0.3806

Deuteranomaly

86.0450, 15.2608, 5.2225

Tritanomaly

86.7890, 3.5550, 26.4950

Monochromacy



Original Color

87.1280, 16.2059, 28.8287

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.2600, 5.7878, 10.2960

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.1280, 16.2059, 28.8287 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, 64, 120)` looks like.

```
.text, #text, p{  
    color:rgb(120, 64, 120)  
}
```

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, 64, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 64, 120) }
```

Border

The CSS property to change the border of an element to YUV 87.1280, 16.2059, 28.8287 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, 64, 120) }
```


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

```
.border{ border-color:rgb(120, 64, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 64, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 64, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 64, 120);  
box-shadow:4px 4px 4px 4px rgb(120, 64,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 87.1280, 16.2059, 28.8287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 64, 120) }
```

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

```
.background{ background-color: rgb(120, 64,  
120) }
```

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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