

Converting Colors

YUV(8.7830, 15.8830, -7.7027)

Have a look what the booklet for
YUV(8.7830, 15.8830, -7.7027)
contains.

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Color

**YUV(8.7830, 15.8830,
-7.7027)**

Conversions

Conversions Part 1

Format	Color
Hex	000729
RGB	0, 7, 41
RGB Percent	0%, 3%, 16%
CMY	1.0000, 0.9725, 0.8392
CMYK	1.00, 0.83, 0.00, 0.84
HSL	230°, 100%, 8%
HSV	230°, 100%, 16%
XYZ	0.4762, 0.3121, 2.1330
YIQ	8.7830, -15.0860, 9.0900

Conversions

Conversions Part 2

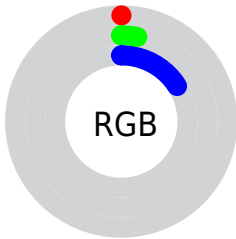
Format	Color
RYB	0, 6, 41
Decimal	1833
CIELab	2.82, 7.36, -21.47
CIELCh	3, 22.694, 288.919
Yxy	0.3121, 0.1630, 0.1068
Android (android.graphics.Color)	4278191913 (0xFF000729)
YUV	8.7830, 15.8830, -7.7027
Hunter-Lab	5.5862, 5.4412, -18.7282

Details

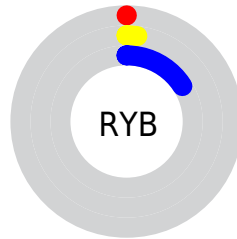
The YUV color **8.7830, 15.8830, -7.7027** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **32.2170, -15.8830, 7.7027**, and the grayscale version is **9.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **54.0820, 15.7356, -7.0879**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **8.7830, 15.8830, -7.7027**, and if you desaturate by 10%, it is **11.7400, 14.4252, -6.7880**.

Distribution



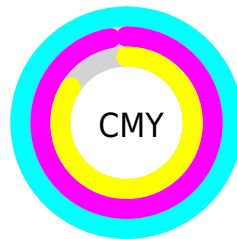
- Red (0%)
- Green (3%)
- Blue (16%)



- Red (0%)
- Yellow (2%)
- Blue (16%)



- Cyan (100%)
- Magenta (83%)
- Yellow (0%)
- Black (84%)



- Cyan (100%)
- Magenta (97%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 8.7830, 15.8830, -7.7027 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 8.7830, 15.8830, -7.7027 by changing the saturation by 10% instead.

■ 8.7830, 15.8830,
-7.7027

■ 8.7830, 15.8830,
-7.7027

■ 233.4260, 10.6360,
-4.7586

■ 2.7530, 8.0098,
-2.4144

■ 54.0820, 15.7356,
-7.0879

■ 0.0000, 0.0000,
0.0000

■ 77.3100, 16.6092,
-7.2879

■ 101.7230, 16.8986,
-6.7731

■ 126.9510, 17.7722,
-6.9730

■ 152.4780, 18.4983,
-6.5582

■ 179.5920, 18.9351,

-6.6582

■ 207.0050, 19.2245,
-6.1434

■ 8.7830, 15.8830,
-7.7027

■ 11.7400, 14.4252,
-6.7880

■ 15.2840, 12.6780,
-6.3881

■ 18.2410, 11.2202,
-5.4734

■ 21.7850, 9.4730,
-5.0734

■ 24.7420, 8.0152,
-4.1587

■ 27.9980, 6.4100,
-2.6292

■ 31.5420, 4.6628,
-2.2293

■ 34.4990, 3.2050,
-1.3146

■ 38.0430, 1.4578,
-0.9147

Harmonies

Analogous

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



13.5930, 14.0047, -11.9211



8.7830, 15.8830, -7.7027



11.8350, 10.4343, 13.2997

Triad

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



8.7830, 15.8830, -7.7027



10.4650, -5.1592, 21.5172



10.5660, -5.2090, -9.2664

Complementary

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



8.7830, 15.8830, -7.7027



32.2170, -15.8830, 7.7027

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.



10.5660, -5.2090, -9.2664



8.7830, 15.8830, -7.7027



10.1000, -4.9793, 10.4363

Square

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



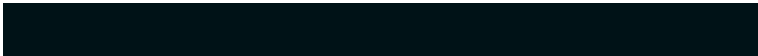
8.7830, 15.8830, -7.7027



12.2590, -6.0437, 25.2059



8.8050, -4.3409, -7.7220



13.1880, 4.8373, -11.5659

Rectangle

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



8.7830, 15.8830, -7.7027



13.3150, 5.7607, 19.0177



8.8050, -4.3409, -7.7220



10.5660, -5.2090, -9.2664

Sweetspot

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



8.7830, 15.8830, -7.7027



40.6990, 6.5574, -3.2440



27.8290, 2.5493, -24.4060



20.3140, 3.7892, -2.0294



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8.7830, 15.8830, -7.7027



11.4390, 20.9826, -10.0320



8.5610, 15.9924, 3.8930



18.8150, 0.5842, -0.7148



17.7940, 32.6396, -15.6053



45.3000, 82.1831, -39.7281

Inverse Universe

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



13.0570, -2.9861, 24.5060



17.1720, -4.0288, 32.2982



32.4390, -15.9924, -3.8930



18.7120, 0.1420, 1.1296



26.7120, -6.2670, 50.2416



67.4920, -15.5256, 126.7335

Previews

White Background



This preview shows how the YUV color 8.7830, 15.8830, -7.7027 looks on a white background.

Color Contrast Check

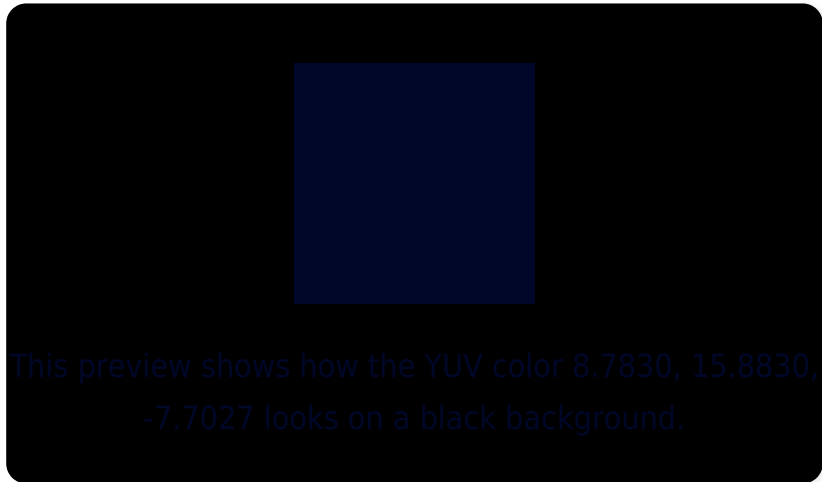
Large Text (above 18pt) WCAG AA ✓ Pass

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

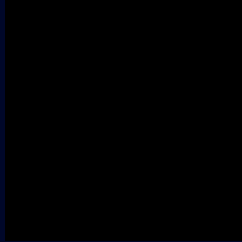
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 8.7830, 15.8830, -7.7027

Background



This preview shows how black text looks on a background with the YUV color 8.7830, 15.8830, -7.7027.



This preview shows how white text looks on a background with the YUV color 8.7830, 15.8830,

-7.7027.

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



Protanopia

10.7090, 8.0315, -9.3918

Deuteranopia

10.8400, 5.9949, -9.5067

Tritanopia

10.6290, 2.6479, -9.3216

Trichromacy



Protanomaly

10.1050, 10.7942, -8.8621

Deuteranomaly

9.8770, 9.9206, -8.6621

Tritanomaly

9.8940, 7.4473, -8.6770

Monochromacy



Achromatopsia

9.0000, 0.0000, 0.0000

Achromatomaly

8.8840, 5.9732, -2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 8.7830, 15.8830, -7.7027 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(0, 7, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 7, 41)  
}
```

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(0, 7, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 7, 41) }
```

Border

The CSS property to change the border of an element to YUV 8.7830, 15.8830, -7.7027 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(0, 7, 41) }
```

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

```
.border{ border-color:rgb(0, 7, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 7, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 7, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 7, 41); box-shadow:4px  
4px 4px 4px rgb(0, 7, 41) }
```


Background

The CSS property to change the background color of an element to YUV 8.7830, 15.8830, -7.7027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 7, 41) }
```

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

```
.background{ background-color: rgb(0, 7,  
41) }
```

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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