

Converting Colors

YUV(37.7760, 16.3794,
-26.9906)

Have a look what the booklet for
YUV(37.7760, 16.3794, -26.9906)
contains.

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Color

**YUV(37.7760, 16.3794,
-26.9906)**

Conversions

Conversions Part 1

Format	Color
Hex	072F47
RGB	7, 47, 71
RGB Percent	3%, 18%, 28%
CMY	0.9725, 0.8157, 0.7216
CMYK	0.90, 0.34, 0.00, 0.72
HSL	202°, 82%, 15%
HSV	202°, 90%, 28%
XYZ	2.2415, 2.5331, 6.3320
YIQ	37.7760, -31.5440, -1.0160

Conversions

Conversions Part 2

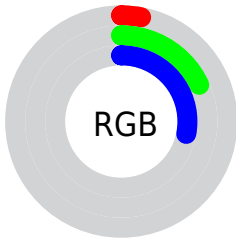
Format	Color
R_{YB}	7, 32, 71
Decimal	470855
CIE _{Lab}	18.07, -3.46, -18.75
CIE _{LCh}	18, 19.065, 259.545
Yxy	2.5331, 0.2018, 0.2281
Android (android.graphics.Color)	4278660935 (0xFF072F47)
YUV	37.7760, 16.3794, -26.9906
Hunter-Lab	15.9158, -2.7140, -12.4472

Details

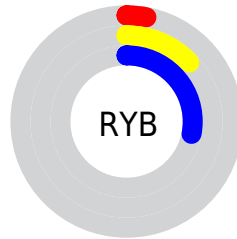
The YUV color **37.7760, 16.3794, -26.9906** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **40.2240, -16.3794, 26.9906**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.5100, 16.5106, -22.3723**, and **3.7790, 11.9410, -3.3142** is the 20% darker color. If you saturate the color by 10%, you get **33.9220, 18.2795, -29.7496**, and if you desaturate by 10%, it is **41.6300, 14.4794, -24.2315**.

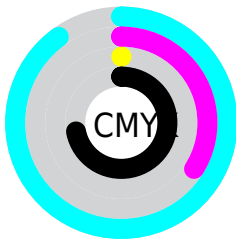
Distribution



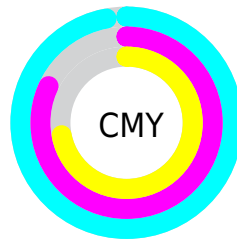
- Red (3%)
- Green (18%)
- Blue (28%)



- Red (3%)
- Yellow (13%)
- Blue (28%)



- Cyan (90%)
- Magenta (34%)
- Yellow (0%)
- Black (72%)



- Cyan (97%)
- Magenta (82%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.7760, 16.3794, -26.9906 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 37.7760, 16.3794, -26.9906 by changing the saturation by 10% instead.

■ 37.7760, 16.3794,
-26.9906

■ 37.7760, 16.3794,
-26.9906

■ 253.8040, 0.5896,
-2.4591

■ 20.7340, 13.4421,
-18.1837

■ 86.5100, 16.5106,
-22.3723

■ 3.7790, 11.9410,
-3.3142

■ 111.2220, 16.6526,
-21.2427

■ 0.0000, 0.0000,
0.0000

■ 137.0370, 17.2368,
-21.9574


■ 163.4500, 17.5262,
-21.4426


■ 190.5640, 17.9629,
-21.5426


■ 218.2650, 18.1104,


-22.1574


 243.9590, 5.4432,
-19.2580


 37.7760, 16.3794,
-26.9906

 37.7760, 16.3794,
-26.9906


 33.9220, 18.2795,
-29.7496

 41.6300, 14.4794,
-24.2315

 44.8970, 12.8688,
-20.9577

 48.7510, 10.9688,
-18.1986

 52.6050, 9.0687,
-15.4396

 56.1710, 7.3107,
-11.5510

■ 60.0250, 5.4107,
-8.7919

■ 63.8790, 3.5107,
-6.0329

■ 67.1460, 1.9000,
-2.7590

■ 71.0000, 0.0000,
0.0000

Harmonies

Analogous

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



36.7600, 13.9223, -32.2385



37.7760, 16.3794, -26.9906



43.9960, 12.8200, -5.2585

Triad

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



37.7760, 16.3794, -26.9906



44.4050, -4.1437, 22.4468



40.0990, -6.9508, -10.6108

Complementary

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



37.7760, 16.3794, -26.9906



40.2240, -16.3794, 26.9906

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.



42.0960, -12.3723, 1.6698



37.7760, 16.3794, -26.9906



44.1890, -9.9532, 19.1282

Square

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



37.7760, 16.3794, -26.9906



45.1040, 2.4137, 19.2028



43.6350, -13.1311, 11.7211



35.8780, 1.5391, -27.0800

Rectangle

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



37.7760, 16.3794, -26.9906



45.5520, 9.5879, 4.7779



43.6350, -13.1311, 11.7211



40.5510, -9.1456, -6.6222

Sweetspot

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



37.7760, 16.3794, -26.9906



79.2420, 6.2897, -10.7362



47.1900, -8.4747, -35.2466



37.9930, 3.9475, -6.1329



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



37.7760, 16.3794, -26.9906



43.9470, 23.6901, -38.5415



19.5790, 25.3506, -11.0318



33.6300, 1.1684, -1.4295



47.6800, 25.3008, -41.8154



109.2320, 58.0596, -95.7965

Inverse Universe

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



30.6960, 8.0379, 35.3466



34.0060, 11.3360, 50.8607



58.4210, -25.3506, 11.0318



33.4240, 0.2840, 2.2592



36.6690, 12.4882, 54.6643



84.0610, 28.5639, 125.3575

Previews

White Background



This preview shows how the YUV color 37.7760, 16.3794, -26.9906 looks on a white background.

Color Contrast Check

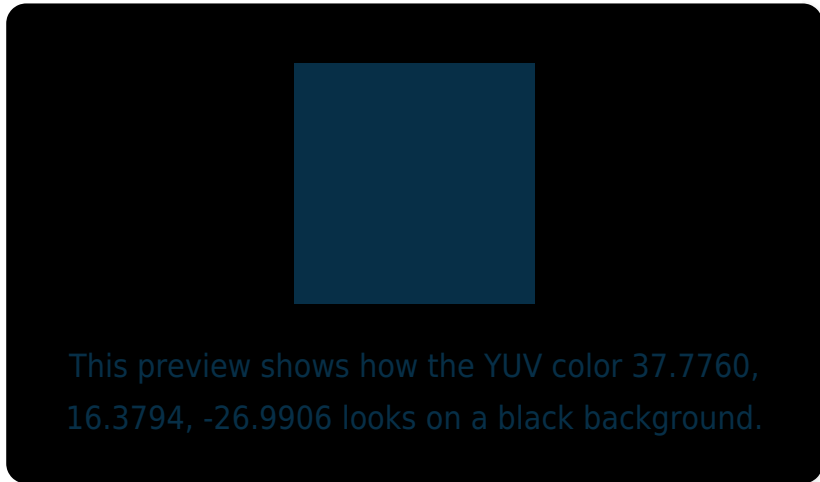
Large Text (above 18pt) WCAG AA ✓ Pass

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

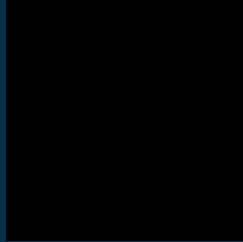
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.7760, 16.3794, -26.9906

Background



This preview shows how black text looks on a background with the YUV color 37.7760, 16.3794, -26.9906.



This preview shows how white text looks on a background with the YUV color 37.7760, 16.3794,

-26.9906.

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

37.7760, 16.3794, -26.9906

Protanopia

44.3440, 11.6624, -7.3177

Deuteranopia

43.2940, 14.1521, -12.5358



Tritanopia

35.3920, 8.6807, -31.0388

Trichromacy



Original Color

37.7760, 16.3794, -26.9906

Protanomaly

41.7560, 13.4313, -14.6950

Deuteranomaly

41.4890, 15.0419, -17.9689

Tritanomaly

36.5000, 11.5855, -29.3795

Monochromacy



Original Color

37.7760, 16.3794, -26.9906

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.8400, 5.9949, -9.5067

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.7760, 16.3794, -26.9906 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(7, 47, 71)` looks like.

```
.text, #text, p{  
    color:rgb(7, 47, 71)  
}
```

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(7, 47, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 47, 71) }
```

Border

The CSS property to change the border of an element to YUV 37.7760, 16.3794, -26.9906 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(7, 47, 71) }
```


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

```
.border{ border-color:rgb(7, 47, 71) }
```

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

Here you see how a box with a 4 pixel rgb(7, 47, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 47, 71); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 47, 71); box-shadow:4px  
4px 4px 4px rgb(7, 47, 71) }
```

Background

The CSS property to change the background color of an element to YUV 37.7760, 16.3794, -26.9906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 47, 71) }
```

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

```
.background{ background-color: rgb(7, 47,  
71) }
```

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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