

Converting Colors

YUV(42.7560, 26.7423,
-37.4970)

Have a look what the booklet for
YUV(42.7560, 26.7423, -37.4970)
contains.

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Color

**YUV(42.7560, 26.7423,
-37.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	003661
RGB	0, 54, 97
RGB Percent	0%, 21%, 38%
CMY	1.0000, 0.7882, 0.6196
CMYK	1.00, 0.44, 0.00, 0.62
HSL	207°, 100%, 19%
HSV	207°, 100%, 38%
XYZ	3.4768, 3.5014, 11.8018
YIQ	42.7560, -45.9870, 1.9250

Conversions

Conversions Part 2

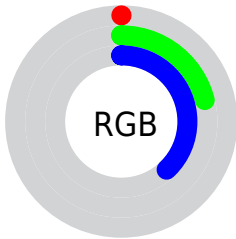
Format	Color
RYB	0, 35, 97
Decimal	13921
CIELab	21.95, 2.40, -29.93
CIELCh	22, 30.025, 274.591
Yxy	3.5014, 0.1851, 0.1864
Android (android.graphics.Color)	4278204001 (0xFF003661)
YUV	42.7560, 26.7423, -37.4970
Hunter-Lab	18.7120, 0.4206, -24.2963

Details

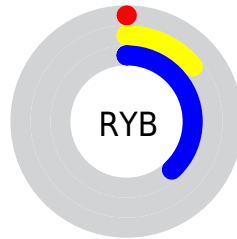
The YUV color **42.7560, 26.7423, -37.4970** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **54.2440, -26.7423, 37.4970**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.3060, 25.9781, -25.7014**, and **10.9830, 19.2354, -9.6321** is the 20% darker color. If you saturate the color by 10%, you get **42.7560, 26.7423, -37.4970**, and if you desaturate by 10%, it is **48.0940, 24.1107, -33.4084**.

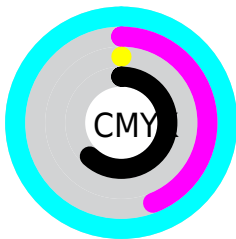
Distribution



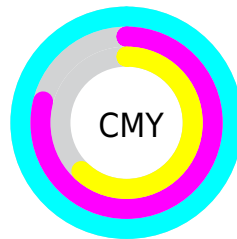
- Red (0%)
- Green (21%)
- Blue (38%)



- Red (0%)
- Yellow (14%)
- Blue (38%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (79%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.7560, 26.7423, -37.4970 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 42.7560, 26.7423, -37.4970 by changing the saturation by 10% instead.

■ 42.7560, 26.7423,
-37.4970

■ 42.7560, 26.7423,
-37.4970

■ 255.0000, 0.0000,
0.0000

■ 27.6930, 22.3364,
-24.2868

■ 95.3060, 25.9781,
-25.7014

■ 10.9830, 19.2354,
-9.6321

■ 121.1320, 26.5569,
-24.6718

■ 4.4800, 12.0884,
-3.9290

■ 147.5450, 26.8463,
-24.1570

■ 0.0000, 0.0000,
0.0000

■ 174.1860, 28.0093,
-23.8421

■ 201.7300, 26.2621,
-23.4422

■ 226.5380, 14.0318,

-20.6428

■ 248.1230, 3.3904,
-14.1399

■ 42.7560, 26.7423,
-37.4970

■ 48.0940, 24.1107,
-33.4084

■ 53.7200, 21.3370,
-30.4494

■ 59.0580, 18.7054,
-26.3609

■ 64.3960, 16.0738,
-22.2723

■ 70.3210, 13.1527,
-18.6985

■ 75.3600, 10.6685,
-15.2247

■ 80.6980, 8.0369,
-11.1361

■ 86.0360, 5.4053,
-7.0476

■ 91.6620, 2.6316,
-4.0886

Harmonies

Analogous

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



45.8220, 23.2588, -40.1859



42.7560, 26.7423, -37.4970



53.9030, 17.3028, 3.5931

Triad

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



42.7560, 26.7423, -37.4970



50.7610, -10.7282, 34.4126



40.0420, -3.9647, -35.1168

Complementary

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



42.7560, 26.7423, -37.4970



54.2440, -26.7423, 37.4970

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.



46.8900, -16.7078, -7.7965



42.7560, 26.7423, -37.4970



50.5890, -20.0104, 24.9164

Square

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



42.7560, 26.7423, -37.4970



51.4050, -0.6927, 35.6018



49.5780, -23.4560, 10.0171



43.2510, 5.7923, -37.9311

Rectangle

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



42.7560, 26.7423, -37.4970



54.6230, 12.0179, 18.7476



49.5780, -23.4560, 10.0171



43.4410, -9.0914, -24.0658

Sweetspot

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



42.7560, 26.7423, -37.4970



103.6590, 10.5211, -14.6099



61.7270, -9.7254, -54.1346



51.2530, 6.2843, -8.9919



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



42.7560, 26.7423, -37.4970



55.3400, 34.3424, -48.5332



14.5800, 40.6331, -12.7867



45.6300, 1.1684, -1.4295



49.1620, 30.9791, -43.1151



105.4310, 66.3425, -92.4630

Inverse Universe

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



35.1590, 9.2886, 54.2346



45.3550, 12.1500, 69.8487



82.4200, -40.6331, 12.7867



45.4240, 0.2840, 2.2592



40.5560, 10.5719, 62.6564



86.9220, 22.7165, 134.2494

Previews

White Background



This preview shows how the YUV color 42.7560, 26.7423, -37.4970 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



This preview shows how the YUV color 42.7560, 26.7423, -37.4970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

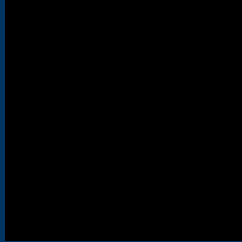
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.7560, 26.7423, -37.4970

Background



This preview shows how black text looks on a background with the YUV color 42.7560, 26.7423, -37.4970.



This preview shows how white text looks on a background with the YUV color 42.7560, 26.7423,

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

42.7560, 26.7423, -37.4970

Protanopia

51.2210, 21.5830, -15.9798

Deuteranopia

42.6420, 26.3055, -37.3970



Tritanopia

41.8150, 10.4442, -36.6718

Trichromacy



Original Color

42.7560, 26.7423, -37.4970

Protanomaly

48.3340, 23.4993, -23.9719

Deuteranomaly

42.6420, 26.3055, -37.3970

Tritanomaly

42.0090, 16.2646, -36.8419

Monochromacy



Original Color

42.7560, 26.7423, -37.4970

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.8440, 9.9369, -13.8952

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.7560, 26.7423, -37.4970 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, 54, 97)` looks like.

```
.text, #text, p{  
    color:rgb(0, 54, 97)  
}
```

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, 54, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 54, 97) }
```

Border

The CSS property to change the border of an element to YUV 42.7560, 26.7423, -37.4970 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, 54, 97) }
```


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

```
.border{ border-color:rgb(0, 54, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 54, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 54, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 54, 97); box-shadow:4px  
4px 4px 4px rgb(0, 54, 97) }
```

Background

The CSS property to change the background color of an element to YUV 42.7560, 26.7423, -37.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 54, 97) }
```

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

```
.background{ background-color: rgb(0, 54,  
97) }
```

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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