

Converting Colors

YUV(42.7100, 16.4120,
-37.4567)

Have a look what the booklet for
YUV(42.7100, 16.4120, -37.4567)
contains.

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Color

**YUV(42.7100, 16.4120,
-37.4567)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 003A4C |
| RGB | 0, 58, 76 |
| RGB Percent | 0%, 23%, 30% |
| CMY | 1.0000, 0.7725, 0.7020 |
| CMYK | 1.00, 0.24, 0.00, 0.70 |
| HSL | 194°, 100%, 15% |
| HSV | 194°, 100%, 30% |
| XYZ | 2.8176, 3.5479, 7.3738 |
| YIQ | 42.7100, -40.3460, -6.6980 |

Conversions

Conversions Part 2

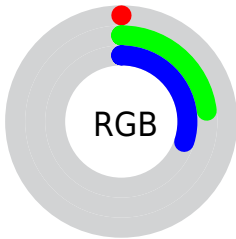
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 33, 76 |
| Decimal | 14924 |
| CIELab | 22.12, -9.55, -15.80 |
| CIELCh | 22, 18.466, 238.850 |
| Yxy | 3.5479, 0.2051, 0.2582 |
| Android (android.graphics.Color) | 4278205004 (0xFF003A4C) |
| YUV | 42.7100, 16.4120, -37.4567 |
| Hunter-Lab | 18.8359, -6.2620, -10.0254 |

Details

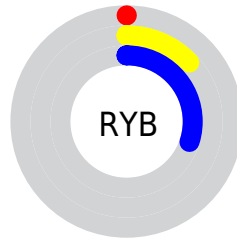
The YUV color **42.7100, 16.4120, -37.4567** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **33.2900, -16.4120, 37.4567**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.8250, 15.3693, -29.6645**, and **13.0400, 9.3473, -11.4361** is the 20% darker color. If you saturate the color by 10%, you get **42.7100, 16.4120, -37.4567**, and if you desaturate by 10%, it is **46.2760, 14.6539, -33.5681**.

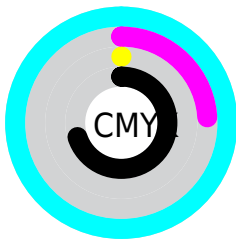
Distribution



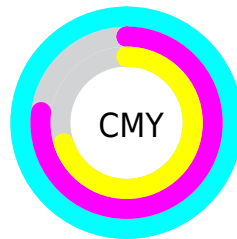
- Red (0%)
- Green (23%)
- Blue (30%)



- Red (0%)
- Yellow (13%)
- Blue (30%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (70%)



- Cyan (100%)
- Magenta (77%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.7100, 16.4120, -37.4567 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 42.7100, 16.4120, -37.4567 by changing the saturation by 10% instead.

■ 42.7100, 16.4120,
-37.4567

■ 42.7100, 16.4120,
-37.4567

■ 253.8040, 0.5896,
-2.4591

■ 27.1740, 12.7322,
-23.8316

■ 93.8250, 15.3693,
-29.6645

■ 13.0400, 9.3473,
-11.4361

■ 119.2380, 15.6587,
-29.1497

■ 0.5700, 2.1840,
-0.4999

■ 145.3520, 16.0955,
-29.2497

■ 0.0000, 0.0000,
0.0000

■ 172.3520, 16.0955,
-29.2497

■ 200.0530, 16.2429,
-29.8645

■ 227.3690, 13.6221,

-29.2646

■ 245.1330, 4.8644,
-20.2876

■ 42.7100, 16.4120,
-37.4567

■ 46.2760, 14.6539,
-33.5681

■ 49.5430, 13.0433,
-30.2942

■ 52.5220, 11.5747,
-25.8908

■ 55.7890, 9.9640,
-22.6170

■ 59.3550, 8.2060,
-18.7283

■ 62.9210, 6.4479,
-14.8397

■ 66.1880, 4.8373,
-11.5659

■ 69.1670, 3.3687,
-7.1625

■ 72.4340, 1.7580,
-3.8886

Harmonies

Analogous

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



42.7440, 11.4652, -37.4865



42.7100, 16.4120, -37.4567



50.0870, 14.7471, -16.7393

Triad

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



42.7100, 16.4120, -37.4567



54.1320, -0.0651, 20.9322



50.4160, -11.0511, -2.1188

Complementary

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



42.7100, 16.4120, -37.4567



33.2900, -16.4120, 37.4567

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.



51.9120, -13.2676, 8.8472



42.7100, 16.4120, -37.4567



53.4220, -6.6170, 22.4319

Square

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



42.7100, 16.4120, -37.4567



54.9830, 5.9244, 13.1699



52.8360, -11.2581, 17.6838



48.5330, -5.1928, -14.4994

Rectangle

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



42.7100, 16.4120, -37.4567



52.9960, 12.8200, -5.2585



52.8360, -11.2581, 17.6838



51.0960, -12.3723, 1.6698

Sweetspot

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



42.7100, 16.4120, -37.4567



86.2200, 6.3005, -14.2249



46.6640, -14.1314, -40.9243



43.2700, 3.8109, -9.0068



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



42.7100, 16.4120, -37.4567



55.8980, 21.2493, -49.0225



20.4040, 27.4088, -17.8943



36.2170, 0.8790, -1.9443



57.4140, 21.9809, -50.3521



128.9450, 49.8201, -113.0848

Inverse Universe

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



29.3360, 14.1314, 40.9243



38.2650, 18.6034, 53.2646



55.5960, -27.4088, 17.8943



35.5380, 0.7208, 2.1592



39.3900, 19.0347, 54.9090



88.7200, 42.5360, 123.9026

Previews

White Background



This preview shows how the YUV color 42.7100, 16.4120, -37.4567 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 42.7100, 16.4120, -37.4567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

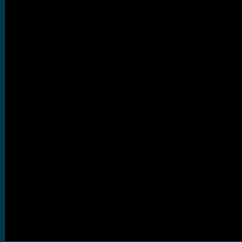
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.7100, 16.4120, -37.4567

Background



This preview shows how black text looks on a background with the YUV color 42.7100, 16.4120, -37.4567.

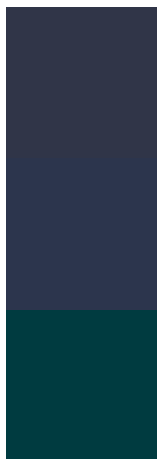


This preview shows how white text looks on a background with the YUV color 42.7100, 16.4120,

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

53.6710, 9.0362, -4.9735

Deuteranopia

53.0450, 11.8098, -7.9325

Tritanopia

41.9290, 10.8810, -36.7717

Trichromacy



Protanomaly

49.8760, 11.4001, -16.5543

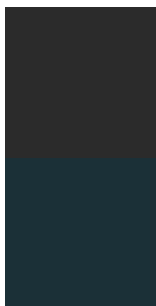
Deuteranomaly

49.4350, 13.5895, -18.7985

Tritanomaly

42.3850, 12.6282, -37.1716

Monochromacy



Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.5190, 6.1531, -13.6102

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.7100, 16.4120, -37.4567 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, 58, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 58, 76)  
}
```

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, 58, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 58, 76) }
```

Border

The CSS property to change the border of an element to YUV 42.7100, 16.4120, -37.4567 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, 58, 76) }
```

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

```
.border{ border-color:rgb(0, 58, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 58, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 58, 76); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 58, 76); box-shadow:4px  
4px 4px 4px rgb(0, 58, 76) }
```


Background

The CSS property to change the background color of an element to YUV 42.7100, 16.4120, -37.4567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 58, 76) }
```

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

```
.background{ background-color: rgb(0, 58,  
76) }
```

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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