

# Converting Colors

YUV(42.6900, 13.4638,  
-25.1611)

Have a look what the booklet for  
YUV(42.6900, 13.4638, -25.1611)  
contains.

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# Color

**YUV(42.6900, 13.4638,  
-25.1611)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E3446
RGB	14, 52, 70
RGB Percent	5%, 20%, 27%
CMY	0.9451, 0.7961, 0.7255
CMYK	0.80, 0.26, 0.00, 0.73
HSL	199°, 67%, 16%
HSV	199°, 80%, 27%
XYZ	2.5146, 2.9915, 6.2392
YIQ	42.6900, -28.4260, -2.4580

# Conversions

## Conversions Part 2

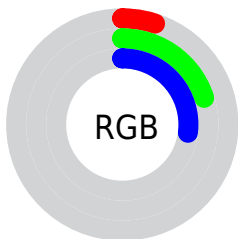
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 37, 70
Decimal	930886
CIE <sub>Lab</sub>	20.01, -6.23, -15.02
CIE <sub>LCh</sub>	20, 16.260, 247.474
Yxy	2.9915, 0.2141, 0.2547
Android (android.graphics.Color)	4279120966 (0xFF0E3446)
YUV	42.6900, 13.4638, -25.1611
Hunter-Lab	17.2961, -4.3169, -9.2805

# Details

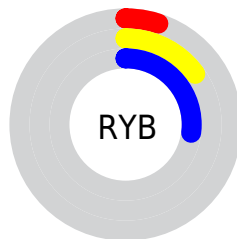
The YUV color **42.6900, 13.4638, -25.1611** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **41.3100, -13.4638, 25.1611**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.4130, 13.6004, -22.2872**, and **4.2520, 11.2148, -3.7290** is the 20% darker color. If you saturate the color by 10%, you get **39.4230, 15.0745, -28.4350**, and if you desaturate by 10%, it is **45.9570, 11.8532, -21.8873**.

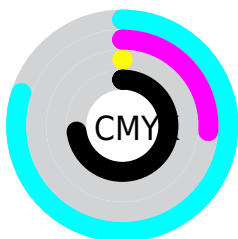
# Distribution



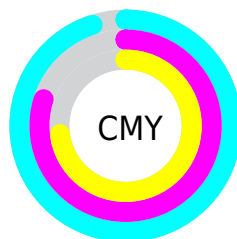
- Red (5%)
- Green (20%)
- Blue (27%)



- Red (5%)
- Yellow (15%)
- Blue (27%)



- Cyan (80%)
- Magenta (26%)
- Yellow (0%)
- Black (73%)



- Cyan (95%)
- Magenta (80%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 42.6900, 13.4638, -25.1611 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 42.6900, 13.4638, -25.1611 by changing the saturation by 10% instead.



■ 42.6900, 13.4638,  
-25.1611

■ 42.6900, 13.4638,  
-25.1611

■ 254.7010, 0.1474,  
-0.6148

■ 23.6690, 11.9952,  
-20.7577

■ 90.4130, 13.6004,  
-22.2872

■ 4.2520, 11.2148,  
-3.7290

■ 115.5270, 14.0372,  
-22.3872

■ 0.0000, 0.0000,  
0.0000

■ 141.6410, 14.4740,  
-22.4872

■ 168.3420, 14.6214,  
-23.1019

■ 195.4560, 15.0582,  
-23.2019

■ 223.5700, 15.4950,

-23.3019

■ 246.0300, 4.4222,  
-18.4433

■ 42.6900, 13.4638,  
-25.1611

■ 42.6900, 13.4638,  
-25.1611

■ 39.4230, 15.0745,  
-28.4350

■ 45.9570, 11.8532,  
-21.8873

■ 35.5690, 16.9745,  
-31.1940

■ 49.8110, 9.9532,  
-19.1282

■ 53.0780, 8.3425,  
-15.8544

■ 56.3450, 6.7319,  
-12.5806

■ 59.6120, 5.1213,  
-9.3067

■ 63.4660, 3.2213,  
-6.5477

■ 66.7330, 1.6106,  
-3.2738

■ 70.0000, 0.0000,  
0.0000

■ 73.2670, -1.6106,  
3.2738

# Harmonies

## Analogous

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



38.7660, 11.4544, -33.9978



42.6900, 13.4638, -25.1611



47.1480, 12.2520, -9.7768

# Triad

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



42.6900, 13.4638, -25.1611



49.3660, -1.6594, 18.9730



45.7900, -8.2775, -5.0778

# Complementary

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



42.6900, 13.4638, -25.1611



41.3100, -13.4638, 25.1611

# 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.



47.3460, -11.5096, 4.9586



42.6900, 13.4638, -25.1611



48.8730, -7.3324, 18.5284

# Square

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



42.6900, 13.4638, -25.1611



49.8260, 4.0298, 14.1846



48.0420, -10.3737, 13.9952



43.9180, -2.4246, -15.7141



# Rectangle

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



42.6900, 13.4638, -25.1611



49.2200, 9.7515, -1.0699



48.0420, -10.3737, 13.9952



46.4700, -9.5987, -1.2892

# Sweetspot

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



42.6900, 13.4638, -25.1611



81.3130, 5.2687, -9.9215



48.9240, -8.3435, -30.6283



39.7650, 3.0739, -5.9329



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.



42.6900, 13.4638, -25.1611



48.6650, 21.3642, -39.1712



26.2540, 21.5668, -10.7468



34.2170, 0.8790, -1.9443



50.6150, 23.8538, -44.3894



116.2760, 54.5869, -101.9741



# Inverse Universe

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



35.0760, 8.3435, 30.6283



37.0380, 12.7993, 48.2017



57.7460, -21.5668, 10.7468



33.5380, 0.7208, 2.1592



37.2390, 14.6722, 54.1644

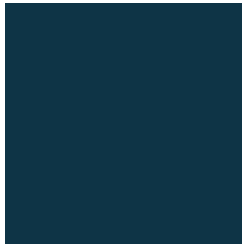


85.4290, 33.8055, 124.1578



# Previews

## White Background



This preview shows how the YUV color 42.6900, 13.4638, -25.1611 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

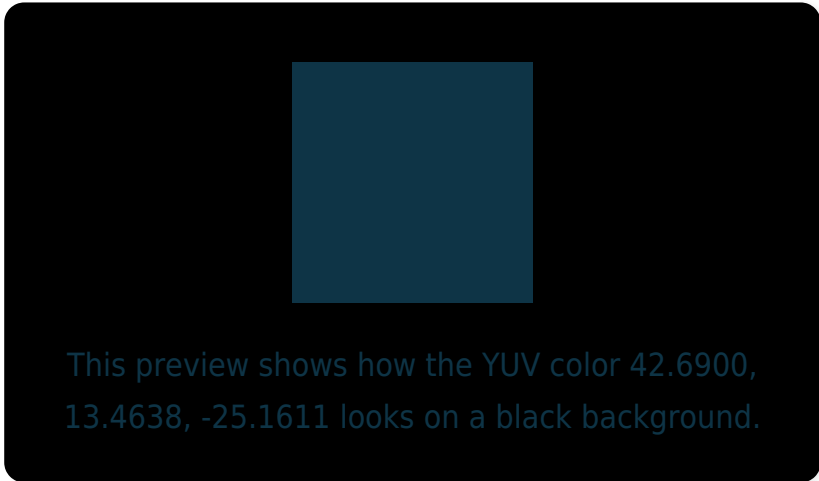
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

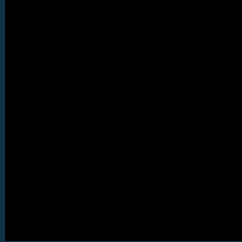
Any Text WCAG AA × Fail

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 42.6900, 13.4638, -25.1611 Background



This preview shows how black text looks on a background with the YUV color 42.6900, 13.4638, -25.1611.



This preview shows how white text looks on a background with the YUV color 42.6900, 13.4638,

-25.1611.

# 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

42.6900, 13.4638, -25.1611

### Protanopia

48.6710, 9.0362, -4.9735

### Deuteranopia

47.9310, 11.3730, -7.8325



## Tritanopia

38.3100, 9.7072, -33.5979

# Trichromacy



## Original Color

42.6900, 13.4638, -25.1611

## Protanomaly

46.0830, 10.8051, -12.3508

## Deuteranomaly

45.8270, 12.4103, -13.8803

## Tritanomaly

39.6740, 11.0067, -30.4091

# Monochromacy



## Original Color

42.6900, 13.4638, -25.1611

## Achromatopsia

43.0000, 0.0000, 0.0000

## Achromatomaly

42.6120, 5.1213, -9.3067

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 42.6900, 13.4638, -25.1611 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(14, 52, 70)` looks like.

```
.text, #text, p{  
    color:rgb(14, 52, 70)  
}
```

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(14, 52, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 52, 70) }
```

## Border

The CSS property to change the border of an element to YUV 42.6900, 13.4638, -25.1611 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(14, 52, 70) }
```



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

```
.border{ border-color:rgb(14, 52, 70) }
```

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

Here you see how a box with a 4 pixel rgb(14, 52, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 52, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 52, 70);  
box-shadow:4px 4px 4px 4px rgb(14, 52, 70)  
}
```

# Background

The CSS property to change the background color of an element to YUV 42.6900, 13.4638, -25.1611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 52, 70) }
```

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

```
.background{ background-color: rgb(14, 52,  
70) }
```

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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