

# Converting Colors

YUV(45.4150, 10.6414, -6.5030)

Have a look what the booklet for  
YUV(45.4150, 10.6414, -6.5030)  
contains.

<b>YUV(45.4150, 10.6414, -6.5030)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(45.4150, 10.6414,  
-6.5030)**

# Conversions

## Conversions Part 1

Format	Color
Hex	262D43
RGB	38, 45, 67
RGB Percent	15%, 18%, 26%
CMY	0.8510, 0.8235, 0.7373
CMYK	0.43, 0.33, 0.00, 0.74
HSL	226°, 28%, 21%
HSV	226°, 43%, 26%
XYZ	2.7508, 2.6941, 5.6852
YIQ	45.4150, -11.2340, 5.3580

# Conversions

## Conversions Part 2

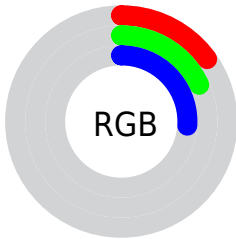
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 44, 67
Decimal	2501955
CIELab	18.77, 3.62, -14.80
CIElCh	19, 15.233, 283.757
Yxy	2.6941, 0.2472, 0.2421
Android (android.graphics.Color)	4280692035 (0xFF262D43)
YUV	45.4150, 10.6414, -6.5030
Hunter-Lab	16.4137, 1.1916, -9.0467

# Details

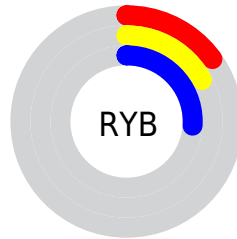
The YUV color **45.4150, 10.6414, -6.5030** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **59.5850, -10.6414, 6.5030**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.0560, 11.8044, -6.1881**, and **3.3230, 10.1938, -2.9143** is the 20% darker color. If you saturate the color by 10%, you get **40.3870, 13.1202, -8.2324**, and if you desaturate by 10%, it is **50.4430, 8.1626, -4.7735**.

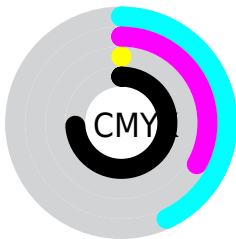
# Distribution



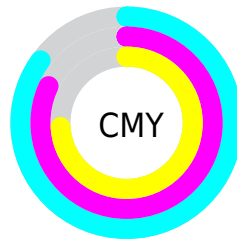
- Red (15%)
- Green (18%)
- Blue (26%)



- Red (15%)
- Yellow (17%)
- Blue (26%)



- Cyan (43%)
- Magenta (33%)
- Yellow (0%)
- Black (74%)



- Cyan (85%)
- Magenta (82%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 45.4150, 10.6414, -6.5030 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 45.4150, 10.6414, -6.5030 by changing the saturation by 10% instead.



■ 45.4150, 10.6414,  
-6.5030

■ 45.4150, 10.6414,  
-6.5030

■ 255.0000, 0.0000,  
0.0000

■ 24.5890, 10.0626,  
-7.5326

■ 91.0560, 11.8044,  
-6.1881

■ 3.3230, 10.1938,  
-2.9143

■ 116.1700, 12.2412,  
-6.2881

■ 0.0000, 0.0000,  
0.0000

■ 141.2840, 12.6780,  
-6.3881

■ 168.2840, 12.6780,  
-6.3881

■ 195.3980, 13.1148,  
-6.4880

■ 223.5120, 13.5516,

-6.5880

248.7760, 3.0684,  
-4.1886

45.4150, 10.6414,  
-6.5030

45.4150, 10.6414,  
-6.5030

40.3870, 13.1202,  
-8.2324

50.4430, 8.1626,  
-4.7735

35.6580, 15.4516,  
-9.3471

55.1720, 5.8312,  
-3.6588

30.6300, 17.9304,  
-11.0765

60.2000, 3.3524,  
-1.9294

25.6020, 20.4092,  
-12.8060

65.2280, 0.8736,  
-0.2000

20.5740, 22.8880,  
-14.5354

70.2560, -1.6052,  
1.5295

■ 17.0300, 24.6352,  
-14.9353

■ 74.9850, -3.9366,  
2.6442

■ 80.6000, -6.7048,  
3.8588

■ 85.6280, -9.1836,  
5.5882

■ 90.3570, -11.5150,  
6.7029

# Harmonies

## Analogous

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



41.4950, 12.5740, -19.7281



45.4150, 10.6414, -6.5030



46.9820, 7.4039, 5.2778

# Triad

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



45.4150, 10.6414, -6.5030



45.8620, -7.3270, 16.7840



40.9610, -0.9668, -16.6288

# Complementary

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



45.4150, 10.6414, -6.5030



59.5850, -10.6414, 6.5030

# 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.



42.8330, -6.8197, -5.9925



45.4150, 10.6414, -6.5030



45.4330, -10.0735, 11.0213

# Square

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



45.4150, 10.6414, -6.5030



46.4260, -2.6750, 18.0434



44.6770, -10.1938, 2.9143



38.1320, 6.3439, -28.1798



# Rectangle

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



45.4150, 10.6414, -6.5030



47.5160, 4.1826, 11.8255



44.6770, -10.1938, 2.9143



42.1140, -3.0142, -13.2550

# Sweetspot

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



45.4150, 10.6414, -6.5030



78.1290, 4.3734, -2.7441



57.5310, 1.2172, -17.1287



37.9720, 2.4788, -1.7294



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000



# Same Dimension

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



45.4150, 10.6414, -6.5030



53.0000, 16.7620, -9.6470



43.3990, 11.6353, 1.4041



30.9290, 1.0210, -0.8147



24.5590, 35.7134, -21.5382



57.2340, 82.2156, -50.1942



# Inverse Universe

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



47.4690, -1.2172, 17.1287



56.5950, -2.2653, 26.6652



61.6010, -11.6353, -1.4041



31.0110, -0.0054, 1.7444



31.6250, -4.2521, 57.3339



73.1320, -9.4321, 132.3112



# Previews

## White Background



This preview shows how the YUV color 45.4150, 10.6414, -6.5030 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

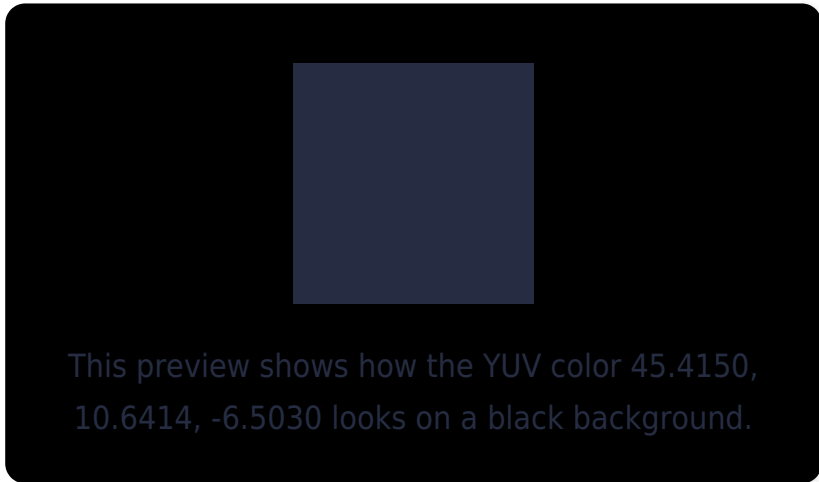
Any Text WCAG AA ✓ Pass

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

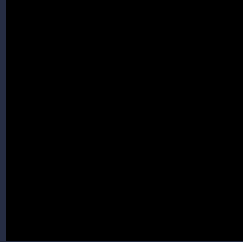
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

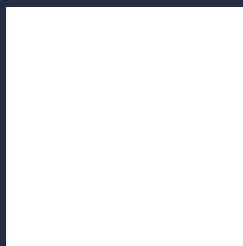
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 45.4150, 10.6414, -6.5030

## Background



This preview shows how black text looks on a background with the YUV color 45.4150, 10.6414, -6.5030.



This preview shows how white text looks on a background with the YUV color 45.4150, 10.6414,

-6.5030.

# 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

45.4150, 10.6414, -6.5030

### Protanopia

45.4150, 10.6414, -6.5030

### Deuteranopia

45.1160, 10.7888, -7.1177



**Tritanopia**

44.2700, 3.8109, -9.0068

# Trichromacy



## Original Color

45.4150, 10.6414, -6.5030

## Protanomaly

45.4150, 10.6414, -6.5030

## Deuteranomaly

45.1160, 10.7888, -7.1177

## Tritanomaly

44.5520, 6.1369, -8.3771

# Monochromacy



## Original Color

45.4150, 10.6414, -6.5030

## Achromatopsia

45.0000, 0.0000, 0.0000

## Achromatomaly

45.0150, 3.9366, -2.6442

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 45.4150, 10.6414, -6.5030 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(38, 45, 67)` looks like.

```
.text, #text, p{  
    color:rgb(38, 45, 67)  
}
```

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(38, 45, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 45, 67) }
```

## Border

The CSS property to change the border of an element to YUV 45.4150, 10.6414, -6.5030 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(38, 45, 67) }
```



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

```
.border{ border-color:rgb(38, 45, 67) }
```

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

Here you see how a box with a 4 pixel rgb(38, 45, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 45, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 45, 67);  
box-shadow:4px 4px 4px 4px rgb(38, 45, 67)  
}
```

# Background

The CSS property to change the background color of an element to YUV 45.4150, 10.6414, -6.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 45, 67) }
```

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

```
.background{ background-color: rgb(38, 45,  
67) }
```

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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