

# Converting Colors

YUV(41.6950, 2.6154, 1.1445)

Have a look what the booklet for  
YUV(41.6950, 2.6154, 1.1445)  
contains.

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# Color

**YUV(41.6950, 2.6154,  
1.1445)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B282F
RGB	43, 40, 47
RGB Percent	17%, 16%, 18%
CMY	0.8314, 0.8431, 0.8157
CMYK	0.09, 0.15, 0.00, 0.82
HSL	266°, 8%, 17%
HSV	266°, 15%, 18%
XYZ	2.2681, 2.2364, 3.0014
YIQ	41.6950, -0.4590, 2.8130

# Conversions

## Conversions Part 2

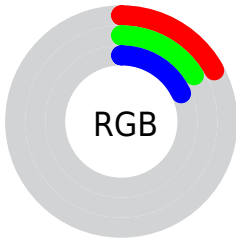
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 40, 47
Decimal	2828335
CIE <sub>Lab</sub>	16.68, 3.08, -4.07
CIE <sub>LCh</sub>	17, 5.102, 307.132
Yxy	2.2364, 0.3022, 0.2979
Android (android.graphics.Color)	4281018415 (0xFF2B282F)
YUV	41.6950, 2.6154, 1.1445
Hunter-Lab	14.9546, 0.9022, -1.4315

# Details

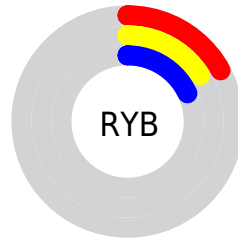
The YUV color **41.6950, 2.6154, 1.1445** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45.3050, -2.6154, -1.1445**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.8090, 3.0522, 1.0445**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.8630, 4.5045, 1.8741**, and if you desaturate by 10%, it is **45.5270, 0.7262, 0.4148**.

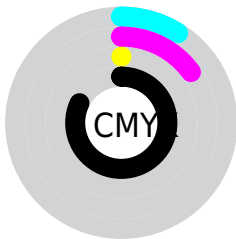
# Distribution



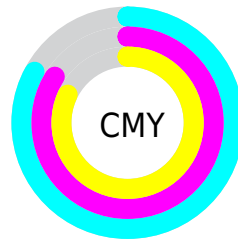
- Red (17%)
- Green (16%)
- Blue (18%)



- Red (17%)
- Yellow (16%)
- Blue (18%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (82%)



- Cyan (83%)
- Magenta (84%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 41.6950, 2.6154, 1.1445 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 41.6950, 2.6154, 1.1445 by changing the saturation by 10% instead.



■ 41.6950, 2.6154,  
1.1445

■ 41.6950, 2.6154,  
1.1445

■ 255.0000, 0.0000,  
0.0000

■ 21.5810, 2.1786,  
1.2445

■ 86.8090, 3.0522,  
1.0445

■ 0.0000, 0.0000,  
0.0000

■ 111.1080, 2.9048,  
1.6593

■ 136.8090, 3.0522,  
1.0445

■ 163.1080, 2.9048,  
1.6593

■ 190.2220, 3.3416,  
1.5593

■ 217.3360, 3.7784,

1.4593

246.2220, 3.3416,  
1.5593

41.6950, 2.6154,  
1.1445

41.6950, 2.6154,  
1.1445

37.8630, 4.5045,  
1.8741

45.5270, 0.7262,  
0.4148

34.9170, 5.9569,  
2.7038

48.4730, -0.7262,  
-0.4148

31.0850, 7.8461,  
3.4335

52.3050, -2.6154,  
-1.1445

27.2530, 9.7353,  
4.1631

56.1370, -4.5045,  
-1.8741

24.3070, 11.1876,  
4.9928

59.6700, -6.2463,  
-3.2186

■ 20.4750, 13.0768,  
5.7224

■ 62.9150, -7.8461,  
-3.4335

■ 16.6430, 14.9660,  
6.4521

■ 66.7470, -9.7353,  
-4.1631

■ 13.1100, 16.7078,  
7.7965

■ 70.2800, -11.4770,  
-5.5076

■ 11.3380, 17.5814,  
7.5966

■ 73.5250, -13.0768,  
-5.7224

# Harmonies

## Analogous

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



40.9010, 3.4998, -2.5442



41.6950, 2.6154, 1.1445



41.9620, 1.0047, 4.4183

# Triad

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



41.6950, 2.6154, 1.1445



41.5230, -3.2158, 4.8033



39.5970, 1.1847, -6.6626

# Complementary

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



41.6950, 2.6154, 1.1445



45.3050, -2.6154, -1.1445

# 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.



40.0380, -1.0047, -4.4183



41.6950, 2.6154, 1.1445



40.8000, -3.3524, 1.9294

# Square

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



41.6950, 2.6154, 1.1445



41.7620, -2.3477, 6.3477



40.3050, -2.6154, -1.1445



39.9390, 2.4951, -6.9625



# Rectangle

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



41.6950, 2.6154, 1.1445



42.0330, -0.0163, 5.2331



40.3050, -2.6154, -1.1445



39.7820, 0.6005, -5.9478

# Sweetspot

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



41.6950, 2.6154, 1.1445



59.5270, 0.7262, 0.4148



43.1460, 1.9000, -2.7590



29.5270, 0.7262, 0.4148



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000



# Same Dimension

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



41.6950, 2.6154, 1.1445



52.7490, 4.0677, 1.9741



42.5920, 2.1731, 2.9888



21.5270, 0.7262, 0.4148



20.9810, 32.5474, 14.0487



51.9040, 79.9133, 35.1642



# Inverse Universe

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



42.5490, 0.7153, 3.9035



53.9730, 0.9993, 6.1627



44.4080, -2.1731, -2.9888



21.7120, 0.1420, 1.1296



31.7130, 9.0155, 48.4867

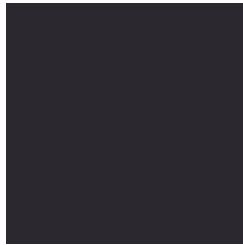


77.8940, 21.7443, 119.3650



# Previews

## White Background



This preview shows how the YUV color 41.6950, 2.6154, 1.1445 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

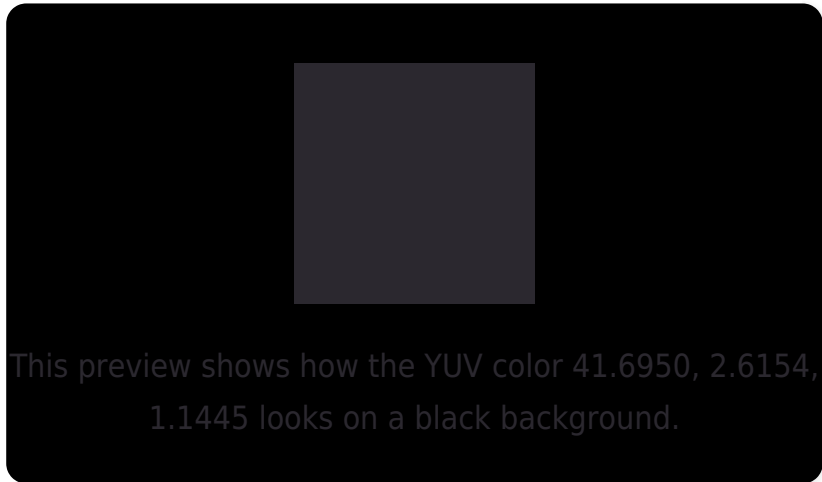
Any Text WCAG AA ✓ Pass

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

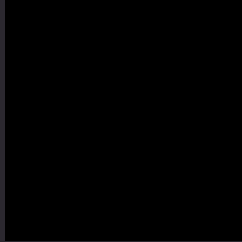
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 41.6950, 2.6154, 1.1445

## Background



This preview shows how black text looks on a background with the YUV color 41.6950, 2.6154, 1.1445.



This preview shows how white text looks on a background with the YUV color 41.6950, 2.6154,



# 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

41.6950, 2.6154, 1.1445

### Protanopia

41.4990, 3.2050, -1.3146

### Deuteranopia

41.6950, 2.6154, 1.1445



## Tritanopia

41.6410, 1.1630, 0.3148

# Trichromacy



## Original Color

41.6950, 2.6154, 1.1445

## Protanomaly

41.7980, 3.0576, -0.6998

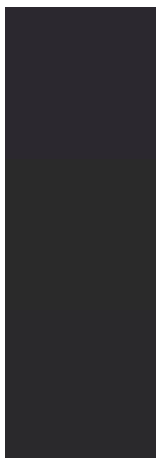
## Deuteranomaly

41.6950, 2.6154, 1.1445

## Tritanomaly

41.7550, 1.5998, 0.2149

# Monochromacy



## Original Color

41.6950, 2.6154, 1.1445

## Achromatopsia

42.0000, 0.0000, 0.0000

## Achromatomaly

41.6410, 1.1630, 0.3148

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 41.6950, 2.6154, 1.1445 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(43, 40, 47)` looks like.

```
.text, #text, p{  
    color:rgb(43, 40, 47)  
}
```

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(43, 40, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 40, 47) }
```

## Border

The CSS property to change the border of an element to YUV 41.6950, 2.6154, 1.1445 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(43, 40, 47) }
```



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

```
.border{ border-color:rgb(43, 40, 47) }
```

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

Here you see how a box with a 4 pixel rgb(43, 40, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 40, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 40, 47);  
box-shadow:4px 4px 4px 4px rgb(43, 40, 47)  
}
```

# Background

The CSS property to change the background color of an element to YUV 41.6950, 2.6154, 1.1445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 40, 47) }
```

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

```
.background{ background-color: rgb(43, 40,  
47) }
```

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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