

# Converting Colors

YUV(43.0650, 1.4470, 2.5740)

Have a look what the booklet for  
YUV(43.0650, 1.4470, 2.5740)  
contains.

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# Color

**YUV(43.0650, 1.4470,  
2.5740)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E292E
RGB	46, 41, 46
RGB Percent	18%, 16%, 18%
CMY	0.8196, 0.8392, 0.8196
CMYK	0.00, 0.11, 0.00, 0.82
HSL	300°, 6%, 17%
HSV	300°, 11%, 18%
XYZ	2.4128, 2.3640, 2.9139
YIQ	43.0650, 1.3750, 2.6150

# Conversions

## Conversions Part 2

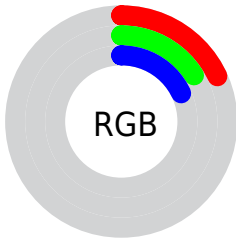
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 41, 46
Decimal	3025198
CIE Lab	17.29, 3.45, -2.42
CIE LCh	17, 4.215, 324.906
Yxy	2.3640, 0.3137, 0.3074
Android (android.graphics.Color)	4281215278 (0xFF2E292E)
YUV	43.0650, 1.4470, 2.5740
Hunter-Lab	15.3752, 1.1049, -0.4739

# Details

The YUV color **43.0650, 1.4470, 2.5740** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **43.9350, -1.4470, -2.5740**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.4780, 1.7363, 3.0888**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **40.1300, 2.8939, 5.1480**, and if you desaturate by 10%, it is **46.0000, 0.0000, 0.0000**.

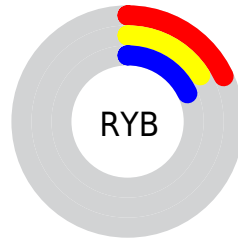
# Distribution



Red (18%)

Green (16%)

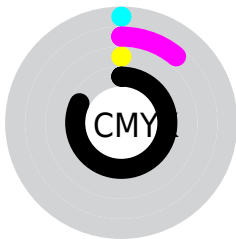
Blue (18%)



Red (18%)

Yellow (16%)

Blue (18%)

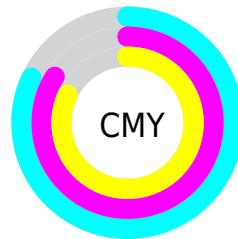


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (82%)



Cyan (82%)

Magenta (84%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 43.0650, 1.4470, 2.5740 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 43.0650, 1.4470, 2.5740 by changing the saturation by 10% instead.



■ 43.0650, 1.4470,  
2.5740

■ 43.0650, 1.4470,  
2.5740

■ 255.0000, 0.0000,  
0.0000

■ 22.6520, 1.1576,  
2.0592

■ 88.4780, 1.7363,  
3.0888

■ 0.0000, 0.0000,  
0.0000

■ 112.4780, 1.7363,  
3.0888

■ 138.4780, 1.7363,  
3.0888

■ 164.4780, 1.7363,  
3.0888

■ 191.4780, 1.7363,  
3.0888

■ 219.4780, 1.7363,

3.0888

247.8910, 2.0257,  
3.6036

43.0650, 1.4470,  
2.5740

43.0650, 1.4470,  
2.5740

40.1300, 2.8939,  
5.1480

46.0000, 0.0000,  
0.0000

37.7820, 4.0515,  
7.2072

48.3480, -1.1576,  
-2.0592

34.8470, 5.4984,  
9.7812

51.2830, -2.6045,  
-4.6332

32.4990, 6.6560,  
11.8404

53.6310, -3.7621,  
-6.6924

29.5640, 8.1029,  
14.4144

56.5660, -5.2090,  
-9.2664

■ 26.6290, 9.5499,  
16.9884

■ 59.5010, -6.6560,  
-11.8404

■ 24.2810, 10.7075,  
19.0476

■ 61.8490, -7.8136,  
-13.8996

■ 21.3460, 12.1544,  
21.6216

■ 64.7840, -9.2605,  
-16.4736

■ 18.9980, 13.3120,  
23.6808

■ 67.1320, -10.4181,  
-18.5328

# Harmonies

## Analogous

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



42.6840, 2.6208, -0.5999



43.0650, 1.4470, 2.5740



43.3210, -0.1583, 4.1035

# Triad

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



43.0650, 1.4470, 2.5740



42.6260, -2.7736, 2.9590



41.4230, 1.7635, -5.6330

# Complementary

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



43.0650, 1.4470, 2.5740



43.9350, -1.4470, -2.5740

# 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.



41.3800, 0.3057, -4.7183



43.0650, 1.4470, 2.5740



42.0170, -2.4734, -0.0149

# Square

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



43.0650, 1.4470, 2.5740



42.7510, -2.3422, 4.6034



41.9350, -1.4470, -2.5740



41.9500, 2.4896, -5.2182



# Rectangle

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



43.0650, 1.4470, 2.5740



42.8050, -0.8899, 5.4330



41.9350, -1.4470, -2.5740



41.3090, 1.3267, -5.5330

# Sweetspot

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



43.0650, 1.4470, 2.5740



57.8260, 0.5788, 1.0296



41.5700, 2.1840, -0.4999



29.8260, 0.5788, 1.0296



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.



43.0650, 1.4470, 2.5740



54.3040, 2.3151, 4.1184



42.8370, 0.5734, 2.7740



21.8260, 0.5788, 1.0296



35.9310, 25.1770, 44.7875



88.3820, 61.9297, 110.1670



# Inverse Universe

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



43.0650, 1.4470, 2.5740



54.3040, 2.3151, 4.1184



44.2770, -0.1366, -2.8739



21.8260, 0.5788, 1.0296



35.9310, 25.1770, 44.7875



88.3820, 61.9297, 110.1670



# Previews

## White Background



This preview shows how the YUV color 43.0650, 1.4470, 2.5740 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

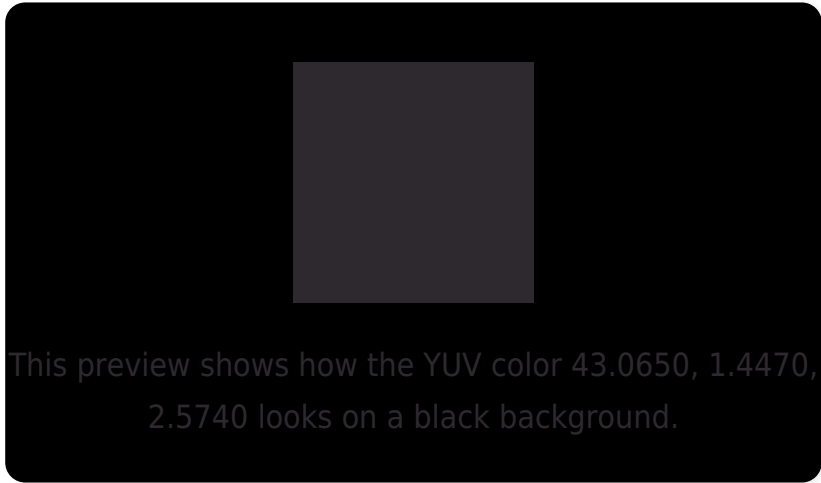
Any Text WCAG AA ✓ Pass

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 43.0650, 1.4470, 2.5740

## Background



This preview shows how black text looks on a background with the YUV color 43.0650, 1.4470, 2.5740.



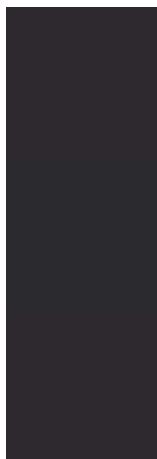
This preview shows how white text looks on a background with the YUV color 43.0650, 1.4470,

2.5740.

# 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

43.0650, 1.4470, 2.5740

### Protanopia

42.5700, 2.1840, -0.4999

### Deuteranopia

42.7660, 1.5944, 1.9592



## Tritanopia

42.8370, 0.5734, 2.7740

# Trichromacy



## Original Color

43.0650, 1.4470, 2.5740

## Protanomaly

42.8690, 2.0366, 0.1149

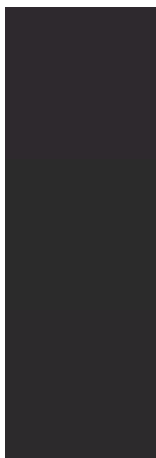
## Deuteranomaly

42.7660, 1.5944, 1.9592

## Tritanomaly

42.9510, 1.0102, 2.6740

# Monochromacy



## Original Color

43.0650, 1.4470, 2.5740

## Achromatopsia

43.0000, 0.0000, 0.0000

## Achromatomaly

42.8260, 0.5788, 1.0296

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 43.0650, 1.4470, 2.5740 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(46, 41, 46)` looks like.

```
.text, #text, p{  
    color:rgb(46, 41, 46)  
}
```

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(46, 41, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 41, 46) }
```

## Border

The CSS property to change the border of an element to YUV 43.0650, 1.4470, 2.5740 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(46, 41, 46) }
```



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

```
.border{ border-color:rgb(46, 41, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 41, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 41, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 41, 46);  
box-shadow:4px 4px 4px 4px rgb(46, 41, 46)  
}
```

# Background

The CSS property to change the background color of an element to YUV 43.0650, 1.4470, 2.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 41, 46) }
```

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

```
.background{ background-color: rgb(46, 41,  
46) }
```

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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