

# Converting Colors

YUV(54.2250, 18.6231,  
-46.6783)

Have a look what the booklet for  
YUV(54.2250, 18.6231, -46.6783)  
contains.

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# Color

**YUV(54.2250, 18.6231,  
-46.6783)**

# Conversions

## Conversions Part 1

Format	Color
Hex	014A5C
RGB	1, 74, 92
RGB Percent	0%, 29%, 36%
CMY	0.9961, 0.7098, 0.6392
CMYK	0.99, 0.20, 0.00, 0.64
HSL	192°, 98%, 18%
HSV	192°, 99%, 36%
XYZ	4.3931, 5.6767, 10.9894
YIQ	54.2250, -49.2860, -9.8780

# Conversions

## Conversions Part 2

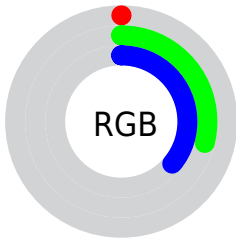
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 42, 92
Decimal	84572
CIE <sub>Lab</sub>	28.58, -12.73, -16.25
CIE <sub>LCh</sub>	29, 20.642, 231.941
Yxy	5.6767, 0.2086, 0.2696
Android (android.graphics.Color)	4278274652 (0xFF014A5C)
YUV	54.2250, 18.6231, -46.6783
Hunter-Lab	23.8259, -8.7831, -10.6687

# Details

The YUV color **54.2250, 18.6231, -46.6783** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **38.7750, -18.6231, 46.6783**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.4220, 16.5540, -36.3271**, and **22.8540, 11.4110, -20.0430** is the 20% darker color. If you saturate the color by 10%, you get **53.9260, 18.7705, -47.2931**, and if you desaturate by 10%, it is **58.0900, 16.7176, -42.1749**.

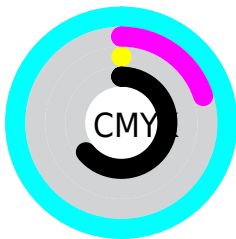
# Distribution



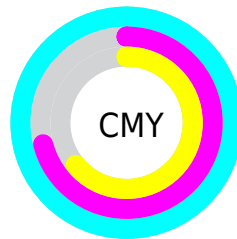
- Red (0%)
- Green (29%)
- Blue (36%)



- Red (0%)
- Yellow (16%)
- Blue (36%)



- Cyan (99%)
- Magenta (20%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (71%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 54.2250, 18.6231, -46.6783 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 54.2250, 18.6231, -46.6783 by changing the saturation by 10% instead.



■ 54.2250, 18.6231,  
-46.6783

■ 54.2250, 18.6231,  
-46.6783

■ 255.0000, 0.0000,  
0.0000

■ 37.6890, 14.9433,  
-33.0533

■ 108.4220, 16.5540,  
-36.3271

■ 22.8540, 11.4110,  
-20.0430

■ 134.5360, 16.9908,  
-36.4271

■ 3.5510, 11.0674,  
-3.1142

■ 160.9490, 17.2801,  
-35.9123

■ 0.0000, 0.0000,  
0.0000

■ 188.6500, 17.4276,  
-36.5270

■ 216.7640, 17.8643,  
-36.6270

■ 239.4520, 7.6652,

-31.9684

248.1230, 3.3904,  
-14.1399

54.2250, 18.6231,  
-46.6783

54.2250, 18.6231,  
-46.6783

53.9260, 18.7705,  
-47.2931

58.0900, 16.7176,  
-42.1749

61.9550, 14.8122,  
-37.6715

65.5320, 13.0487,  
-32.0386

69.3970, 11.1433,  
-27.5352

73.2620, 9.2378,  
-23.0318

■ 77.1270, 7.3324,  
-18.5284

■ 80.9920, 5.4269,  
-14.0250

■ 85.1560, 3.3741,  
-8.9068

■ 88.4340, 1.7580,  
-3.8886

# Harmonies

## Analogous

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



53.6180, 12.5133, -47.0230



54.2250, 18.6231, -46.6783



63.1400, 17.6790, -23.8018

# Triad

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



54.2250, 18.6231, -46.6783



68.8980, 1.5293, 22.8915



65.0420, -13.8247, 0.8402

# Complementary

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



54.2250, 18.6231, -46.6783



38.7750, -18.6231, 46.6783

# 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.



66.7770, -15.1731, 13.3506



54.2250, 18.6231, -46.6783



67.9710, -5.9017, 26.3354

# Square

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



54.2250, 18.6231, -46.6783



69.3680, 8.6926, 11.9553



67.3420, -12.0006, 22.5021



62.8490, -7.8136, -13.8996



# Rectangle

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



54.2250, 18.6231, -46.6783



66.6470, 15.4570, -11.0914



67.3420, -12.0006, 22.5021



65.2490, -14.4198, 5.0436

# Sweetspot

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



54.2250, 18.6231, -46.6783



105.1270, 7.3324, -18.5284



56.3550, -18.9090, -48.5463



52.0740, 4.4005, -11.4659



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



54.2250, 18.6231, -46.6783



70.0320, 24.6342, -61.4181



28.3970, 31.3563, -24.0272



43.9180, 1.0264, -2.5591



64.1960, 22.5814, -56.2999



138.5480, 48.5368, -121.5066



# Inverse Universe

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



36.5310, 18.4722, 48.6463



46.8240, 24.2438, 64.1754



64.6030, -31.3563, 24.0272



42.9510, 1.0102, 2.6740



42.9220, 22.2235, 58.8274



92.5230, 48.0562, 126.7063



# Previews

## White Background



This preview shows how the YUV color 54.2250, 18.6231, -46.6783 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 54.2250, 18.6231, -46.6783 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

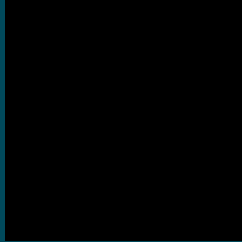
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 54.2250, 18.6231, -46.6783

## Background



This preview shows how black text looks on a background with the YUV color 54.2250, 18.6231, -46.6783.



This preview shows how white text looks on a background with the YUV color 54.2250, 18.6231,



# 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

54.2250, 18.6231, -46.6783

### Protanopia

68.0840, 9.3256, -4.4587

### Deuteranopia

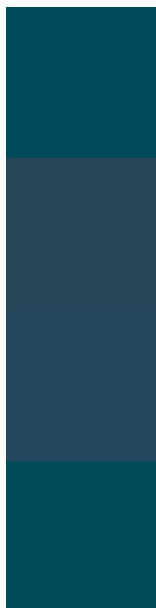
67.6860, 12.9728, -7.6176



## Tritanopia

53.2590, 13.6763, -46.7081

# Trichromacy



## Original Color

54.2250, 18.6231, -46.6783

## Protanomaly

63.1960, 12.7214, -20.3429

## Deuteranomaly

63.0540, 14.7634, -21.9724

## Tritanomaly

53.7150, 15.4235, -47.1081

# Monochromacy



## Original Color

54.2250, 18.6231, -46.6783

## Achromatopsia

54.0000, 0.0000, 0.0000

## Achromatomaly

54.0240, 6.8902, -16.6840

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 54.2250, 18.6231, -46.6783 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(1, 74, 92)` looks like.

```
.text, #text, p{  
    color:rgb(1, 74, 92)  
}
```

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(1, 74, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 74, 92) }
```

## Border

The CSS property to change the border of an element to YUV 54.2250, 18.6231, -46.6783 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(1, 74, 92) }
```



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

```
.border{ border-color:rgb(1, 74, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 74, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 74, 92); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 74, 92); box-shadow:4px  
4px 4px 4px rgb(1, 74, 92) }
```

# Background

The CSS property to change the background color of an element to YUV 54.2250, 18.6231, -46.6783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 74, 92) }
```

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

```
.background{ background-color: rgb(1, 74,  
92) }
```

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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