

# Converting Colors

YUV(47.1460, 15.2110,  
-25.5610)

Have a look what the booklet for  
YUV(47.1460, 15.2110, -25.5610)  
contains.

<b>YUV(47.1460, 15.2110, -25.5610)</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(47.1460, 15.2110,  
-25.5610)**

# Conversions

## Conversions Part 1

Format	Color
Hex	12384E
RGB	18, 56, 78
RGB Percent	7%, 22%, 31%
CMY	0.9294, 0.7804, 0.6941
CMYK	0.77, 0.28, 0.00, 0.69
HSL	202°, 63%, 19%
HSV	202°, 77%, 31%
XYZ	3.0388, 3.5070, 7.7245
YIQ	47.1460, -29.7100, -1.2140

# Conversions

## Conversions Part 2

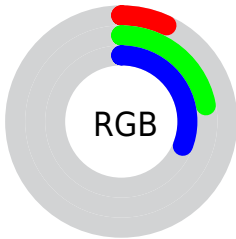
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 41, 78
Decimal	1194062
CIE <sub>Lab</sub>	21.97, -4.97, -17.33
CIE <sub>LCh</sub>	22, 18.028, 253.998
Yxy	3.5070, 0.2129, 0.2458
Android (android.graphics.Color)	4279384142 (0xFF12384E)
YUV	47.1460, 15.2110, -25.5610
Hunter-Lab	18.7270, -3.8076, -11.3470

# Details

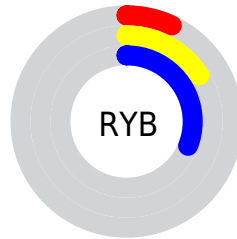
The YUV color **47.1460, 15.2110, -25.5610** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **48.8540, -15.2110, 25.5610**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.8690, 15.3476, -22.6871**, and **11.5070, 11.0890, -10.0916** is the 20% darker color. If you saturate the color by 10%, you get **42.9930, 17.2585, -28.9349**, and if you desaturate by 10%, it is **51.2990, 13.1636, -22.1872**.

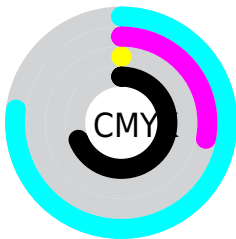
# Distribution



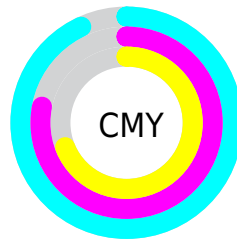
- Red (7%)
- Green (22%)
- Blue (31%)



- Red (7%)
- Yellow (16%)
- Blue (31%)



- Cyan (77%)
- Magenta (28%)
- Yellow (0%)
- Black (69%)



- Cyan (93%)
- Magenta (78%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 47.1460, 15.2110, -25.5610 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 47.1460, 15.2110, -25.5610 by changing the saturation by 10% instead.



47.1460, 15.2110,  
-25.5610

47.1460, 15.2110,  
-25.5610

255.0000, 0.0000,  
0.0000

26.8150, 13.8952,  
-23.5168

95.8690, 15.3476,  
-22.6871

11.5070, 11.0890,  
-10.0916

120.9830, 15.7844,  
-22.7871

0.9120, 3.4944,  
-0.7998

147.0970, 16.2212,  
-22.8871

0.0000, 0.0000,  
0.0000

173.9120, 16.8054,  
-23.6018

201.3250, 17.0948,  
-23.0870

228.0000, 13.3110,

-22.8020

■ 247.8240, 3.5378,  
-14.7546

■ 47.1460, 15.2110,  
-25.5610

■ 47.1460, 15.2110,  
-25.5610

■ 42.9930, 17.2585,  
-28.9349

■ 51.2990, 13.1636,  
-22.1872

■ 38.8400, 19.3059,  
-32.3087

■ 55.4520, 11.1162,  
-18.8134

■ 37.6550, 19.8901,  
-33.0234

■ 59.3060, 9.2161,  
-16.0544

■ 62.8720, 7.4581,  
-12.1657

■ 67.0250, 5.4107,  
-8.7919

■ 71.1780, 3.3632,  
-5.4181

■ 75.3310, 1.3158,  
-2.0443

■ 79.1850, -0.5842,  
0.7148

■ 83.3380, -2.6316,  
4.0886

# Harmonies

## Analogous

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



42.7270, 13.9386, -37.4716



47.1460, 15.2110, -25.5610



52.2730, 12.6834, -8.1324

# Triad

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



47.1460, 15.2110, -25.5610



53.3340, -3.1227, 21.6321



49.1810, -7.9772, -8.0517

# Complementary

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



47.1460, 15.2110, -25.5610



48.8540, -15.2110, 25.5610

# 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.



51.1070, -12.3778, 3.4142



47.1460, 15.2110, -25.5610



53.1290, -8.9376, 20.0579

# Square

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



47.1460, 15.2110, -25.5610



54.2070, 2.8559, 17.3585



51.8740, -12.2629, 13.2655



46.3410, -0.6611, -21.3471



# Rectangle

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



47.1460, 15.2110, -25.5610



53.4700, 10.6143, 2.2188



51.8740, -12.2629, 13.2655



49.7470, -9.7353, -4.1631

# Sweetspot

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



47.1460, 15.2110, -25.5610



89.8400, 5.9949, -9.5067



55.7280, -7.7539, -33.0875



43.8790, 3.5107, -6.0329



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000



# Same Dimension

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



47.1460, 15.2110, -25.5610



53.9360, 23.6956, -40.2859



29.5360, 23.8928, -10.1171



36.2170, 0.8790, -1.9443



49.7830, 25.7430, -43.6597



111.3350, 58.5018, -97.6408



# Inverse Universe

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



40.2720, 7.7539, 33.0875



42.9460, 12.3516, 51.7904



66.4640, -23.8928, 10.1171



35.5380, 0.7208, 2.1592



37.9080, 13.3564, 56.2087

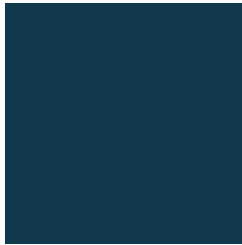


85.3000, 29.4321, 126.9019



# Previews

## White Background



This preview shows how the YUV color 47.1460, 15.2110, -25.5610 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 47.1460, 15.2110, -25.5610 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

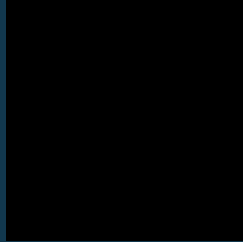
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 47.1460, 15.2110, -25.5610

## Background



This preview shows how black text looks on a background with the YUV color 47.1460, 15.2110, -25.5610.



This preview shows how white text looks on a background with the YUV color 47.1460, 15.2110,

-25.5610.

# 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

47.1460, 15.2110, -25.5610

### Protanopia

52.8280, 10.9308, -5.9882

### Deuteranopia

51.7890, 13.4150, -9.4620



## Tritanopia

41.8150, 10.4442, -36.6718

# Trichromacy



## Original Color

47.1460, 15.2110, -25.5610

## Protanomaly

50.5390, 12.5523, -12.7507

## Deuteranomaly

49.9840, 14.3049, -14.8950

## Tritanomaly

43.8910, 11.8857, -32.3534

# Monochromacy



## Original Color

47.1460, 15.2110, -25.5610

## Achromatopsia

47.0000, 0.0000, 0.0000

## Achromatomaly

46.7260, 5.5581, -9.4067

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 47.1460, 15.2110, -25.5610 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(18, 56, 78)` looks like.

```
.text, #text, p{  
    color:rgb(18, 56, 78)  
}
```

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(18, 56, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 56, 78) }
```

## Border

The CSS property to change the border of an element to YUV 47.1460, 15.2110, -25.5610 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(18, 56, 78) }
```



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

```
.border{ border-color:rgb(18, 56, 78) }
```

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

Here you see how a box with a 4 pixel rgb(18, 56, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 56, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 56, 78);  
box-shadow:4px 4px 4px 4px rgb(18, 56, 78)  
}
```

# Background

The CSS property to change the background color of an element to YUV 47.1460, 15.2110, -25.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 56, 78) }
```

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

```
.background{ background-color: rgb(18, 56,  
78) }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor