

Converting Colors

YUV(63.7540, -10.2317,
15.1247)

Have a look what the booklet for
YUV(63.7540, -10.2317, 15.1247)
contains.

YUV(63.7540, -10.2317, 15.1247)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(63.7540, -10.2317,
15.1247)**

Conversions

Conversions Part 1

Format	Color
Hex	513B2B
RGB	81, 59, 43
RGB Percent	32%, 23%, 17%
CMY	0.6824, 0.7686, 0.8314
CMYK	0.00, 0.27, 0.47, 0.68
HSL	25°, 31%, 24%
HSV	25°, 47%, 32%
XYZ	5.3933, 5.0517, 2.9763
YIQ	63.7540, 18.2480, -0.3120

Conversions

Conversions Part 2

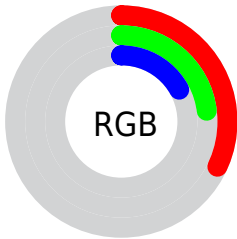
Format	Color
RYB	81, 71, 43
Decimal	5323563
CIELab	26.88, 7.30, 13.69
CIELCh	27, 15.513, 61.917
Yxy	5.0517, 0.4018, 0.3764
Android (android.graphics.Color)	4283513643 (0xFF513B2B)
YUV	63.7540, -10.2317, 15.1247
Hunter-Lab	22.4759, 3.5001, 7.8819

Details

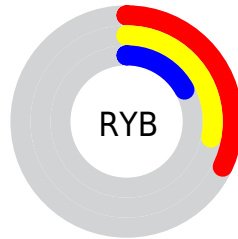
The YUV color **63.7540, -10.2317, 15.1247** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **60.2460, 10.2317, -15.1247**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.5370, -11.1107, 17.0691**, and **20.7430, -10.2263, 13.3804** is the 20% darker color. If you saturate the color by 10%, you get **59.9070, -12.2792, 18.4986**, and if you desaturate by 10%, it is **67.6010, -8.1843, 11.7509**.

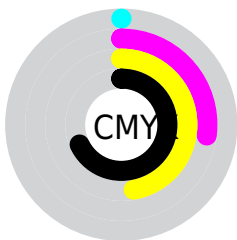
Distribution



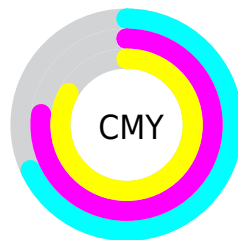
- Red (32%)
- Green (23%)
- Blue (17%)



- Red (32%)
- Yellow (28%)
- Blue (17%)



- Cyan (0%)
- Magenta (27%)
- Yellow (47%)
- Black (68%)



- Cyan (68%)
- Magenta (77%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.7540, -10.2317, 15.1247 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 63.7540, -10.2317, 15.1247 by changing the saturation by 10% instead.

■ 63.7540, -10.2317,
15.1247

■ 63.7540, -10.2317,
15.1247

■ 255.0000, 0.0000,
0.0000

■ 41.2700, -9.5001,
13.7952

■ 111.5370,
-11.1107, 17.0691

■ 20.7430, -10.2263,
13.3804

■ 137.0210,
-11.8424, 18.3986

■ 0.0000, 0.0000,
0.0000

■ 163.3200,
-11.9898, 19.0134

■ 190.5050,
-12.5740, 19.7281

■ 218.6900,
-13.1582, 20.4429

■ 242.2050,

-10.9471, 11.2212

254.2020, -3.0576,
0.6998

63.7540, -10.2317,
15.1247

63.7540, -10.2317,
15.1247

59.9070, -12.2792,
18.4986

67.6010, -8.1843,
11.7509

56.6470, -14.6160,
21.3576

70.8610, -5.8475,
8.8919

52.8000, -16.6634,
24.7314

74.7080, -3.8000,
5.5181

48.9530, -18.7108,
28.1052

78.5550, -1.7526,
2.1443

45.6930, -21.0476,
30.9642

81.9290, 1.0210,
-0.8147

■ 44.1770, -21.7793,
32.2938

■ 85.7760, 3.0684,
-4.1886

■ 89.6230, 5.1159,
-7.5624

■ 93.4700, 7.1633,
-10.9362

■ 96.7300, 9.5001,
-13.7952

Harmonies

Analogous

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



64.8130, -6.3168, 19.4580



63.7540, -10.2317, 15.1247



62.7700, -11.2256, 7.2177

Triad

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



63.7540, -10.2317, 15.1247



57.6550, 3.1281, -23.3764



64.5300, 9.5987, 1.2892

Complementary

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



63.7540, -10.2317, 15.1247



60.2460, 10.2317, -15.1247

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.



62.1370, 12.2575, -11.5211



63.7540, -10.2317, 15.1247



56.9300, 9.4015, -28.8796

Square

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



63.7540, -10.2317, 15.1247



59.8860, -3.8878, -13.0550



59.0600, 12.2954, -23.7316



65.0430, 4.9088, 12.2403

Rectangle

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



63.7540, -10.2317, 15.1247



62.2530, -10.4777, 0.6551



59.0600, 12.2954, -23.7316



64.3230, 10.1938, -2.9143

Sweetspot

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



63.7540, -10.2317, 15.1247



98.0070, -3.9475, 6.1329



56.8700, 4.0081, 21.1620



49.3380, -2.6316, 4.0886



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



63.7540, -10.2317, 15.1247



78.3160, -15.9318, 23.4019



74.9070, -15.7302, 5.3436



38.7830, -0.8790, 1.9443



57.2230, -28.2109, 41.9004



126.8940, -62.5587, 92.1780

Inverse Universe

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



60.2460, 10.2317, -15.1247



72.6840, 15.9318, -23.4019



49.0930, 15.7302, -5.3436



38.6300, 1.1684, -1.4295



47.7770, 28.2109, -41.9004



105.1060, 62.5587, -92.1780

Previews

White Background



This preview shows how the YUV color 63.7540, -10.2317, 15.1247 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 63.7540, -10.2317, 15.1247 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 63.7540, -10.2317, 15.1247

Background



This preview shows how black text looks on a background with the YUV color 63.7540, -10.2317, 15.1247.

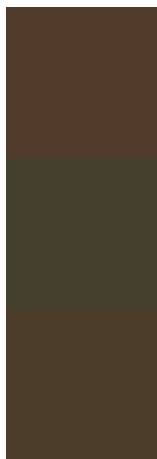


This preview shows how white text looks on a background with the YUV color 63.7540, -10.2317,

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

63.7540, -10.2317, 15.1247

Protanopia

63.3290, -9.0362, 4.9735

Deuteranopia

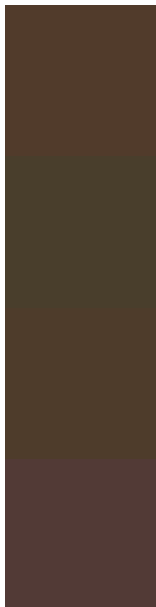
63.4330, -10.0735, 11.0213



Tritanopia

65.2300, -2.0854, 15.5843

Trichromacy



Original Color

63.7540, -10.2317, 15.1247

Protanomaly

63.2370, -9.4838, 8.5622

Deuteranomaly

63.4440, -10.0789, 12.7656

Tritanomaly

64.7200, -5.2850, 15.1546

Monochromacy



Original Color

63.7540, -10.2317, 15.1247

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.7080, -3.8000, 5.5181

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.7540, -10.2317, 15.1247 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(81, 59, 43)` looks like.

```
.text, #text, p{  
    color:rgb(81, 59, 43)  
}
```

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(81, 59, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 59, 43) }
```

Border

The CSS property to change the border of an element to YUV 63.7540, -10.2317, 15.1247 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(81, 59, 43) }
```


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

```
.border{ border-color:rgb(81, 59, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 59, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 59, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 59, 43);  
box-shadow:4px 4px 4px 4px rgb(81, 59, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.7540, -10.2317, 15.1247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 59, 43) }
```

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

```
.background{ background-color: rgb(81, 59,  
43) }
```

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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