

Converting Colors

YUV(64.0000, 3.4510, 13.1550)

Have a look what the booklet for
YUV(64.0000, 3.4510, 13.1550)
contains.

YUV(64.0000, 3.4510, 13.1550)	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(64.0000, 3.4510,
13.1550)**

Conversions

Conversions Part 1

Format	Color
Hex	4F3747
RGB	79, 55, 71
RGB Percent	31%, 22%, 28%
CMY	0.6902, 0.7843, 0.7216
CMYK	0.00, 0.30, 0.10, 0.69
HSL	320°, 18%, 26%
HSV	320°, 30%, 31%
XYZ	5.7280, 4.8496, 6.5954
YIQ	64.0000, 9.1680, 10.0640

Conversions

Conversions Part 2

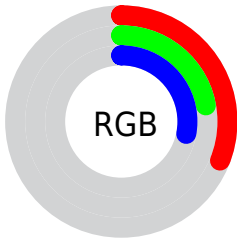
Format	Color
R_YB	79, 55, 71
Decimal	5191495
CIE Lab	26.30, 13.70, -5.61
CIE LCh	26, 14.800, 337.718
Yxy	4.8496, 0.3335, 0.2824
Android (android.graphics.Color)	4283381575 (0xFF4F3747)
YUV	64.0000, 3.4510, 13.1550
Hunter-Lab	22.0217, 7.8907, -2.3418

Details

The YUV color **64.0000, 3.4510, 13.1550** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **70.0000, -3.4510, -13.1550**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.0110, 3.4456, 14.8994**, and **20.4020, 3.7458, 11.9254** is the 20% darker color. If you saturate the color by 10%, you get **58.9620, 4.4557, 17.5733**, and if you desaturate by 10%, it is **69.0380, 2.4463, 8.7367**.

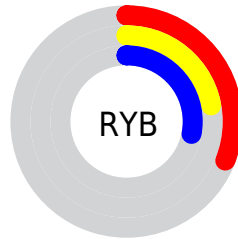
Distribution



 Red (31%)

 Green (22%)

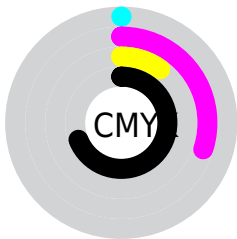
 Blue (28%)



 Red (31%)

 Yellow (22%)

 Blue (28%)

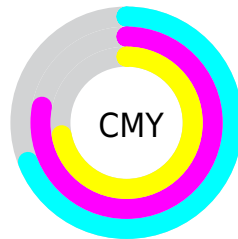


 Cyan (0%)

 Magenta (30%)

 Yellow (10%)

 Black (69%)



 Cyan (69%)

 Magenta (78%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.0000, 3.4510, 13.1550 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 64.0000, 3.4510, 13.1550 by changing the saturation by 10% instead.

■ 64.0000, 3.4510,
13.1550

■ 64.0000, 3.4510,
13.1550

■ 255.0000, 0.0000,
0.0000

■ 41.7010, 3.5984,
12.5402

■ 112.0110, 3.4456,
14.8994

■ 20.4020, 3.7458,
11.9254

■ 137.4240, 3.7350,
15.4142

■ 0.0000, 0.0000,
0.0000

■ 163.8370, 4.0244,
15.9290

■ 190.8370, 4.0244,
15.9290

■ 219.1360, 3.8770,
16.5437

■ 243.8470, 5.4984,

9.7812

■ 64.0000, 3.4510,
13.1550

■ 64.0000, 3.4510,
13.1550

■ 58.9620, 4.4557,
17.5733

■ 69.0380, 2.4463,
8.7367

■ 54.0380, 5.8973,
21.8917

■ 73.9620, 1.0047,
4.4183

■ 49.0000, 6.9020,
26.3100

■ 79.0000, 0.0000,
0.0000

■ 43.9620, 7.9067,
30.7283

■ 84.0380, -1.0047,
-4.4183

■ 39.0380, 9.3483,
35.0467

■ 88.9620, -2.4463,
-8.7367

■ 34.5870, 10.0636,
38.9502

■ 93.4130, -3.1616,
-12.6402

■ 29.6630, 11.5051,
43.2685

■ 98.3370, -4.6031,
-16.9585

■ 103.3750, -5.6079,
-21.3769

■ 108.4130, -6.6126,
-25.7952

Harmonies

Analogous

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



63.4980, 8.1355, 3.9483



64.0000, 3.4510, 13.1550



63.6540, -1.8014, 17.8434

Triad

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



64.0000, 3.4510, 13.1550



60.9870, -10.3466, 5.2734



56.3540, 9.6855, -26.6205

Complementary

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



64.0000, 3.4510, 13.1550



70.0000, -3.4510, -13.1550

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.



56.2960, 4.2911, -23.0616



64.0000, 3.4510, 13.1550



60.2030, -7.9881, -4.5630

Square

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



64.0000, 3.4510, 13.1550



62.4440, -10.0789, 12.7656



58.5160, -2.7194, -14.4845



58.9680, 11.8478, -20.1429

Rectangle

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



64.0000, 3.4510, 13.1550



63.6280, -5.7326, 18.7432



58.5160, -2.7194, -14.4845



55.8980, 7.9383, -26.2205

Sweetspot

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



64.0000, 3.4510, 13.1550



96.3750, 1.2941, 4.9331



60.1280, 9.3039, 2.5187



47.2500, 0.8628, 3.2887



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.



64.0000, 3.4510, 13.1550



78.9130, 5.4659, 20.2473



62.6320, -1.7906, 14.3547



35.5380, 0.7208, 2.1592



38.2500, 14.6668, 55.9087



86.2120, 32.9265, 126.1021

Inverse Universe

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



64.0000, 3.4510, 13.1550



78.9130, 5.4659, 20.2473



71.3680, 1.7906, -14.3547



35.5380, 0.7208, 2.1592



38.2500, 14.6668, 55.9087



86.2120, 32.9265, 126.1021

Previews

White Background



This preview shows how the YUV color 64.0000, 3.4510, 13.1550 looks on a white background.

Color Contrast Check

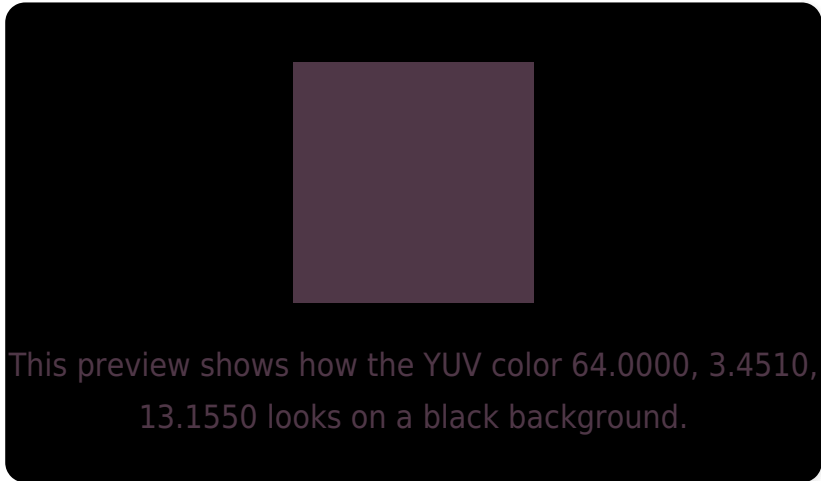
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.0000, 3.4510, 13.1550

Background



This preview shows how black text looks on a background with the YUV color 64.0000, 3.4510, 13.1550.



This preview shows how white text looks on a background with the YUV color 64.0000, 3.4510,

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

64.0000, 3.4510, 13.1550

Protanopia

62.6990, 6.5574, -3.2440

Deuteranopia

63.2220, 3.3416, 1.5593



Tritanopia

63.7350, -1.3484, 12.5104

Trichromacy



Original Color

64.0000, 3.4510, 13.1550

Protanomaly

62.8030, 5.5201, 2.8038

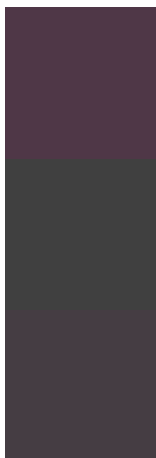
Deuteranomaly

63.5430, 3.1833, 5.6628

Tritanomaly

63.6040, 0.6882, 12.6253

Monochromacy



Original Color

64.0000, 3.4510, 13.1550

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0760, 1.4415, 4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.0000, 3.4510, 13.1550 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(79, 55, 71)` looks like.

```
.text, #text, p{  
    color:rgb(79, 55, 71)  
}
```

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(79, 55, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 55, 71) }
```

Border

The CSS property to change the border of an element to YUV 64.0000, 3.4510, 13.1550 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(79, 55, 71) }
```


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

```
.border{ border-color:rgb(79, 55, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 55, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 55, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 55, 71);  
box-shadow:4px 4px 4px 4px rgb(79, 55, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.0000, 3.4510, 13.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 55, 71) }
```

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

```
.background{ background-color: rgb(79, 55,  
71) }
```

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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