

Converting Colors

YUV(94.6630, -15.6099,
13.4505)

Have a look what the booklet for
YUV(94.6630, -15.6099, 13.4505)
contains.

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Color

**YUV(94.6630, -15.6099,
13.4505)**

Conversions

Conversions Part 1

Format	Color
Hex	6E5D3F
RGB	110, 93, 63
RGB Percent	43%, 36%, 25%
CMY	0.5686, 0.6353, 0.7529
CMYK	0.00, 0.15, 0.43, 0.57
HSL	38°, 27%, 34%
HSV	38°, 43%, 43%
XYZ	11.2420, 11.5026, 6.3303
YIQ	94.6630, 19.7620, -5.7260

Conversions

Conversions Part 2

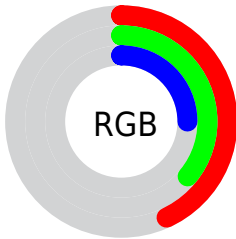
Format	Color
RYB	90, 110, 63
Decimal	7232831
CIELab	40.41, 2.27, 19.79
CIElCh	40, 19.917, 83.454
Yxy	11.5026, 0.3867, 0.3956
Android (android.graphics.Color)	4285422911 (0xFF6E5D3F)
YUV	94.6630, -15.6099, 13.4505
Hunter-Lab	33.9155, -0.1846, 12.6743

Details

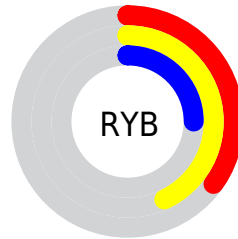
The YUV color **94.6630, -15.6099, 13.4505** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **78.3370, 15.6099, -13.4505**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3320, -16.9257, 15.4948**, and **48.1080, -13.8572, 11.3063** is the 20% darker color. If you saturate the color by 10%, you get **91.0610, -19.2571, 16.6095**, and if you desaturate by 10%, it is **98.2650, -11.9626, 10.2916**.

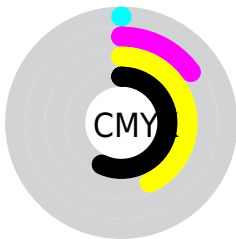
Distribution



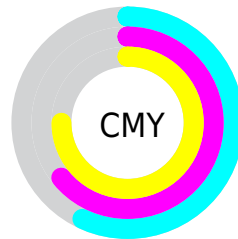
- Red (43%)
- Green (36%)
- Blue (25%)



- Red (35%)
- Yellow (43%)
- Blue (25%)



- Cyan (0%)
- Magenta (15%)
- Yellow (43%)
- Black (57%)



- Cyan (57%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.6630, -15.6099, 13.4505 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 94.6630, -15.6099, 13.4505 by changing the saturation by 10% instead.

94.6630, -15.6099,
13.4505

94.6630, -15.6099,
13.4505

255.0000, 0.0000,
0.0000

70.5920, -14.5889,
12.6358

145.3320,
-16.9257, 15.4948

48.1080, -13.8572,
11.3063

172.2180,
-17.3625, 15.5948

26.9230, -13.2730,
10.5915

199.4030,
-17.9467, 16.3096

2.3920, -1.1793,
4.9182

227.5880,
-18.5309, 17.0243

0.0000, 0.0000,
0.0000

249.6080,
-15.5827, 4.7288

253.9740, -3.9312,

0.8998

■ 94.6630, -15.6099,
13.4505

■ 94.6630, -15.6099,
13.4505

■ 91.0610, -19.2571,
16.6095

■ 98.2650, -11.9626,
10.2916

■ 87.4590, -22.9043,
19.7685

■ 101.8670, -8.3154,
7.1326

■ 83.8570, -26.5515,
22.9274

■ 105.4690, -4.6682,
3.9737

■ 80.2550, -30.1987,
26.0864

■ 109.0710, -1.0210,
0.8147

■ 76.6530, -33.8459,
29.2453

■ 112.6730, 2.6262,
-2.3442

■ 73.9800, -36.4721,
31.5895

■ 116.2750, 6.2734,
-5.5032

■ 119.8770, 9.9206,
-8.6621

■ 123.4790, 13.5679,
-11.8211

■ 127.0810, 17.2151,
-14.9800

Harmonies

Analogous

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



96.1140, -12.8742, 22.7020



94.6630, -15.6099, 13.4505



92.7430, -13.6773, 0.2254

Triad

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



94.6630, -15.6099, 13.4505



86.2170, 10.7390, -37.9013



97.9660, 8.3978, 13.1848

Complementary

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



94.6630, -15.6099, 13.4505



78.3370, 15.6099, -13.4505

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.



96.0610, 14.2669, -2.6845



94.6630, -15.6099, 13.4505



88.0200, 16.2591, -35.0975

Square

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



94.6630, -15.6099, 13.4505



88.1660, 1.3972, -28.2096



92.6350, 16.9419, -20.7279



97.4960, 1.2345, 24.1210

Rectangle

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



94.6630, -15.6099, 13.4505



91.6000, -10.1558, -9.2962



92.6350, 16.9419, -20.7279



97.8020, 10.4506, 8.0666

Sweetspot

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



94.6630, -15.6099, 13.4505



136.7250, -6.2734, 5.5032



78.9910, 0.4974, 27.1949



67.3980, -3.6472, 3.1590



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



94.6630, -15.6099, 13.4505



118.8290, -24.0727, 21.1980



102.8480, -19.6451, 1.0103



54.1420, -2.0420, 1.6295



80.4920, -39.6826, 34.6485



166.5990, -82.1333, 70.5117

Inverse Universe

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



78.3370, 15.6099, -13.4505



93.5840, 24.3621, -20.6832



70.1520, 19.6451, -1.0103



52.4450, 1.7526, -2.1443



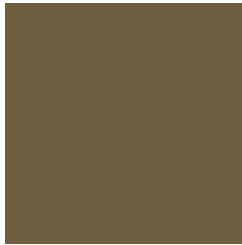
38.9210, 39.9719, -34.1337



80.4010, 82.1333, -70.5117

Previews

White Background



This preview shows how the YUV color 94.6630, -15.6099, 13.4505 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 × Fail

Black Background



This preview shows how the YUV color 94.6630, -15.6099, 13.4505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

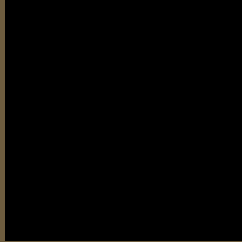
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.6630, -15.6099, 13.4505

Background



This preview shows how black text looks on a background with the YUV color 94.6630, -15.6099, 13.4505.



This preview shows how white text looks on a background with the YUV color 94.6630, -15.6099,

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

94.6630, -15.6099, 13.4505

Protanopia

93.8580, -14.7200, 8.0175

Deuteranopia

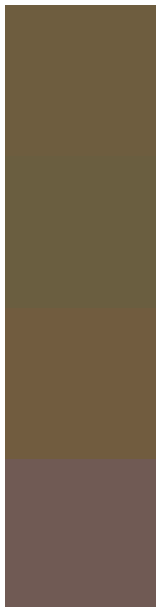
94.6850, -15.6207, 16.9393



Tritanopia

96.9740, -0.4802, 14.0548

Trichromacy



Original Color

94.6630, -15.6099, 13.4505

Protanomaly

94.1680, -14.8728, 10.3767

Deuteranomaly

94.9730, -15.7627, 15.8097

Tritanomaly

95.8940, -5.8637, 14.1250

Monochromacy



Original Color

94.6630, -15.6099, 13.4505

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.5400, -5.6892, 4.7884

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.6630, -15.6099, 13.4505 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(110, 93, 63)` looks like.

```
.text, #text, p{  
    color:rgb(110, 93, 63)  
}
```

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(110, 93, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 93, 63) }
```

Border

The CSS property to change the border of an element to YUV 94.6630, -15.6099, 13.4505 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(110, 93, 63) }
```


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

```
.border{ border-color:rgb(110, 93, 63) }
```

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

Here you see how a box with a 4 pixel rgb(110, 93, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 93, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 93, 63);  
box-shadow:4px 4px 4px 4px rgb(110, 93,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 94.6630, -15.6099, 13.4505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 93, 63) }
```

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

```
.background{ background-color: rgb(110, 93,  
63) }
```

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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