

Converting Colors

YUV(95.2440, -13.4313,
14.6950)

Have a look what the booklet for
YUV(95.2440, -13.4313, 14.6950)
contains.

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Color

**YUV(95.2440, -13.4313,
14.6950)**

Conversions

Conversions Part 1	
Format	Color
Hex	705C44
RGB	112, 92, 68
RGB Percent	44%, 36%, 27%
CMY	0.5608, 0.6392, 0.7333
CMYK	0.00, 0.18, 0.39, 0.56
HSL	33°, 24%, 35%
HSV	33°, 39%, 44%
XYZ	11.5526, 11.5164, 7.0828
YIQ	95.2440, 19.6240, -3.2240

Conversions

Conversions Part 2

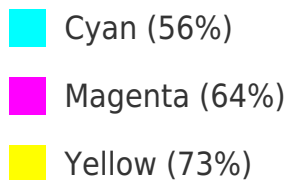
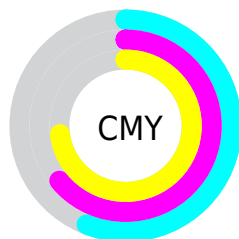
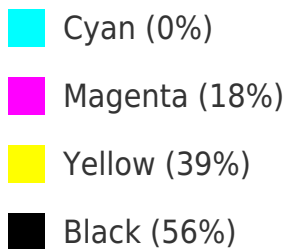
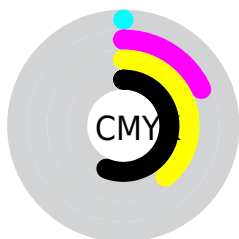
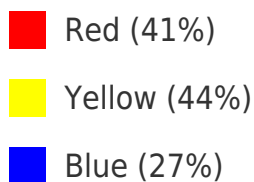
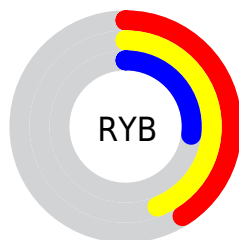
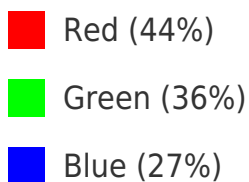
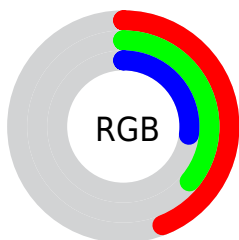
Format	Color
RYB	105, 112, 68
Decimal	7363652
CIELab	40.44, 4.41, 16.87
CIELCh	40, 17.438, 75.339
Yxy	11.5164, 0.3831, 0.3819
Android (android.graphics.Color)	4285553732 (0xFF705C44)
YUV	95.2440, -13.4313, 14.6950
Hunter-Lab	33.9358, 1.3783, 11.3805

Details

The YUV color **95.2440, -13.4313, 14.6950** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **84.7560, 13.4313, -14.6950**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.9130, -14.7471, 16.7393**, and **48.5750, -12.1155, 12.6507** is the 20% darker color. If you saturate the color by 10%, you get **91.0550, -16.7891, 18.3688**, and if you desaturate by 10%, it is **99.4330, -10.0735, 11.0213**.

Distribution





Brightness & Saturation

Gradients


These gradients show how the YUV color 95.2440, -13.4313, 14.6950 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 95.2440, -13.4313, 14.6950 by changing the saturation by 10% instead.


 95.2440, -13.4313,
14.6950


 95.2440, -13.4313,
14.6950


255.0000, 0.0000,
0.0000

 71.7600, -12.6997,
13.3655


 145.9130,
-14.7471, 16.7393


 48.5750, -12.1155,
12.6507


 172.7990,
-15.1839, 16.8393


 26.9340, -13.2785,
12.3359

 199.9840,
-15.7681, 17.5540

 4.1860, -2.0637,
8.6069

 228.2830,
-15.9155, 18.1688

 0.0000, 0.0000,
0.0000

 249.7050,
-12.6726, 4.6437

254.6580, -1.3104,

0.2999

■ 95.2440, -13.4313,
14.6950

■ 95.2440, -13.4313,
14.6950

■ 91.0550, -16.7891,
18.3688

■ 99.4330, -10.0735,
11.0213

■ 86.8660, -20.1469,
22.0425

■ 103.6220, -6.7156,
7.3475

■ 82.5630, -23.9416,
25.8162

■ 107.9250, -2.9210,
3.5738

■ 78.3740, -27.2994,
29.4900

■ 112.1140, 0.4368,
-0.1000

■ 74.1850, -30.6572,
33.1638

■ 116.3030, 3.7946,
-3.7737

■ 69.4090, -33.7256,
37.3523

■ 121.0790, 6.8631,
-7.9623

■ 69.2950, -34.1624,
37.4523

■ 125.2680, 10.2209,
-11.6360

■ 129.5710, 14.0155,
-15.4098

■ 133.7600, 17.3733,
-19.0835

Harmonies

Analogous

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



96.4990, -10.1060, 21.4874



95.2440, -13.4313, 14.6950



93.9930, -12.8145, 3.5141

Triad

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



95.2440, -13.4313, 14.6950



88.2350, 6.7861, -30.0241



97.0470, 8.8508, 7.8518

Complementary

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



95.2440, -13.4313, 14.6950



84.7560, 13.4313, -14.6950

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.



95.5120, 13.5516, -6.5880



95.2440, -13.4313, 14.6950



89.1300, 12.7539, -30.8090

Square

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



95.2440, -13.4313, 14.6950



90.2270, -1.0979, -21.2471



92.4670, 15.0528, -21.4576



97.8050, 2.5611, 18.5880

Rectangle

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



95.2440, -13.4313, 14.6950



92.6330, -10.1721, -4.0631



92.4670, 15.0528, -21.4576



97.1820, 10.7563, 3.3484

Sweetspot

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



95.2440, -13.4313, 14.6950



138.3660, -5.1104, 5.8180



83.5500, 2.6869, 24.9507



69.9250, -2.9210, 3.5738



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



95.2440, -13.4313, 14.6950



119.0510, -20.7311, 22.7573



106.6850, -19.0717, 3.7843



54.1420, -2.0420, 1.6295



74.0350, -36.4993, 40.3113



153.0980, -75.4773, 82.3521

Inverse Universe

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



84.7560, 13.4313, -14.6950



102.9490, 20.7311, -22.7573



73.3150, 19.0717, -3.7843



52.4450, 1.7526, -2.1443



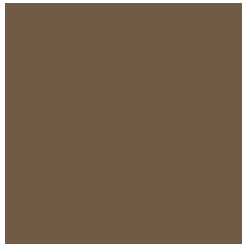
45.3780, 36.7886, -39.7965



93.9020, 75.4773, -82.3521

Previews

White Background



This preview shows how the YUV color 95.2440, -13.4313, 14.6950 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 95.2440, -13.4313, 14.6950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

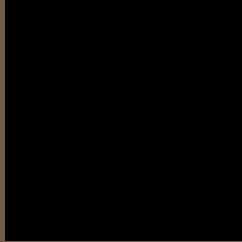
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.2440, -13.4313, 14.6950

Background



This preview shows how black text looks on a background with the YUV color 95.2440, -13.4313, 14.6950.

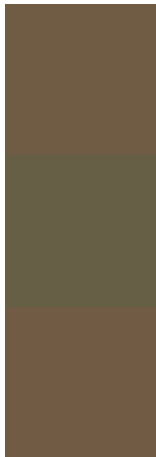


This preview shows how white text looks on a background with the YUV color 95.2440, -13.4313,

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

95.2440, -13.4313, 14.6950

Protanopia

94.4280, -12.5360, 7.5176

Deuteranopia

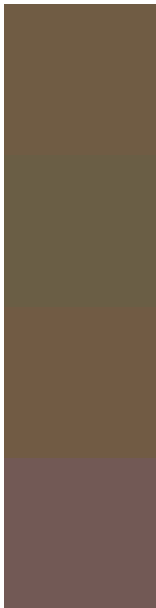
94.9560, -13.2893, 15.8246



Tritanopia

96.8710, -0.9224, 15.8991

Trichromacy



Original Color
95.2440, -13.4313, 14.6950

Protanomaly
94.7380, -12.6888, 9.8768

Deuteranomaly
94.9560, -13.2893, 15.8246

Tritanomaly
96.0190, -5.4324, 15.7693

Monochromacy



Original Color
95.2440, -13.4313, 14.6950

Achromatopsia
95.0000, 0.0000, 0.0000

Achromatomaly
95.0670, -4.9630, 5.2032

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.2440, -13.4313, 14.6950 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(112, 92, 68)` looks like.

```
.text, #text, p{  
    color:rgb(112, 92, 68)  
}
```

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(112, 92, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 92, 68) }
```

Border

The CSS property to change the border of an element to YUV 95.2440, -13.4313, 14.6950 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(112, 92, 68) }
```

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

```
.border{ border-color:rgb(112, 92, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 92, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 92, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 92, 68);  
box-shadow:4px 4px 4px 4px rgb(112, 92,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 95.2440, -13.4313, 14.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 92, 68) }
```

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

```
.background{ background-color: rgb(112, 92,  
68) }
```

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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