

Converting Colors

YUV(93.4130, -16.4726,
10.1618)

Have a look what the booklet for
YUV(93.4130, -16.4726, 10.1618)
contains.

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Color

**YUV(93.4130, -16.4726,
10.1618)**

Conversions

Conversions Part 1

Format	Color
Hex	695E3C
RGB	105, 94, 60
RGB Percent	41%, 37%, 24%
CMY	0.5882, 0.6314, 0.7647
CMYK	0.00, 0.10, 0.43, 0.59
HSL	45°, 27%, 32%
HSV	45°, 43%, 41%
XYZ	10.6440, 11.3349, 5.9018
YIQ	93.4130, 17.4700, -8.2420

Conversions

Conversions Part 2

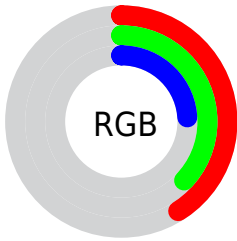
Format	Color
R_{YB}	75, 105, 60
Decimal	6905404
CIE Lab	40.14, -0.97, 21.10
CIE LCh	40, 21.124, 92.641
Yxy	11.3349, 0.3818, 0.4065
Android (android.graphics.Color)	4285095484 (0xFF695E3C)
YUV	93.4130, -16.4726, 10.1618
Hunter-Lab	33.6674, -2.4847, 13.1737

Details

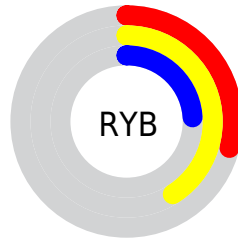
The YUV color **93.4130, -16.4726, 10.1618** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **71.5870, 16.4726, -10.1618**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7830, -17.6410, 11.5913**, and **46.8580, -14.7200, 8.0175** is the 20% darker color. If you saturate the color by 10%, you get **90.3980, -20.4092, 12.8060**, and if you desaturate by 10%, it is **96.4280, -12.5360, 7.5176**.

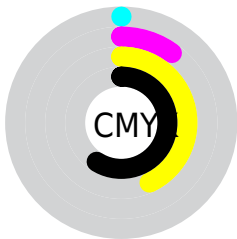
Distribution



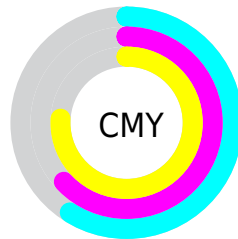
- Red (41%)
- Green (37%)
- Blue (24%)



- Red (29%)
- Yellow (41%)
- Blue (24%)



- Cyan (0%)
- Magenta (10%)
- Yellow (43%)
- Black (59%)



- Cyan (59%)
- Magenta (63%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.4130, -16.4726, 10.1618 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 93.4130, -16.4726, 10.1618 by changing the saturation by 10% instead.

■ 93.4130, -16.4726,
10.1618

■ 93.4130, -16.4726,
10.1618

■ 255.0000, 0.0000,
0.0000

■ 69.3420, -15.4516,
9.3471

■ 143.7830,
-17.6410, 11.5913

■ 46.8580, -14.7200,
8.0175

■ 170.5550,
-18.5146, 11.7913

■ 26.3140, -12.9728,
7.6176

■ 197.8540,
-18.6620, 12.4060

■ 0.5870, -0.2894,
-0.5148

■ 226.0390,
-19.2462, 13.1208

■ 0.0000, 0.0000,
0.0000

■ 250.3260,
-17.9087, 4.0991

■ 253.6320, -5.2416,

1.1997

■ 93.4130, -16.4726,
10.1618

■ 93.4130, -16.4726,
10.1618

■ 90.3980, -20.4092,
12.8060

■ 96.4280, -12.5360,
7.5176

■ 88.0840, -24.1984,
14.8353

■ 98.7420, -8.7468,
5.4883

■ 85.0690, -28.1350,
17.4795

■ 101.7570, -4.8102,
2.8441

■ 82.7550, -31.9242,
19.5089

■ 104.0710, -1.0210,
0.8147

■ 79.7400, -35.8608,
22.1530

■ 107.0860, 2.9156,
-1.8294

■ 77.7680, -38.3396,
23.8825

■ 109.4000, 6.7048,
-3.8588

■ 112.3010, 10.2046,
-6.4030

■ 115.3160, 14.1412,
-9.0471

■ 117.7440, 18.3672,
-11.1765

Harmonies

Analogous

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



94.8320, -15.2002, 22.0723



93.4130, -16.4726, 10.1618



91.5360, -13.0822, -3.9781

Triad

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



93.4130, -16.4726, 10.1618



84.1070, 14.2442, -42.1898



97.2440, 6.7817, 18.2030

Complementary

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



93.4130, -16.4726, 10.1618



71.5870, 16.4726, -10.1618

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.



96.5670, 13.5245, 2.1337



93.4130, -16.4726, 10.1618



87.8890, 18.2957, -34.9827

Square

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



93.4130, -16.4726, 10.1618



86.0450, 4.9078, -34.2425



93.1840, 17.6573, -16.8244



97.1220, -1.5391, 27.0800

Rectangle

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



93.4130, -16.4726, 10.1618



90.0230, -8.3923, -14.9292



93.1840, 17.6573, -16.8244



97.1940, 9.2714, 12.9849

Sweetspot

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



93.4130, -16.4726, 10.1618



133.0130, -6.4154, 4.3736



74.7090, -1.8285, 26.5652



65.9850, -3.9366, 2.6442



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



93.4130, -16.4726, 10.1618



119.9270, -26.0930, 15.8500



96.5810, -18.0344, -2.2635



52.1420, -2.0420, 1.6295



87.2260, -43.0024, 26.1118



181.8500, -89.6521, 55.3826

Inverse Universe

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



71.5870, 16.4726, -10.1618



85.6600, 25.8036, -16.3648



68.4190, 18.0344, 2.2635



49.8580, 2.0420, -1.6295



30.3610, 42.7130, -26.6266



63.1500, 89.6521, -55.3826

Previews

White Background



This preview shows how the YUV color 93.4130, -16.4726, 10.1618 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 93.4130, -16.4726, 10.1618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

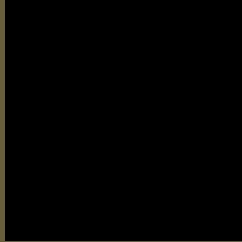
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.4130, -16.4726, 10.1618

Background



This preview shows how black text looks on a background with the YUV color 93.4130, -16.4726, 10.1618.

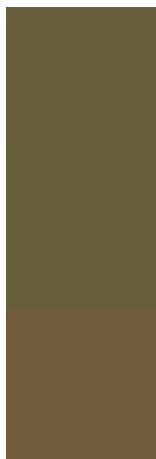


This preview shows how white text looks on a background with the YUV color 93.4130, -16.4726,

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

93.4130, -16.4726, 10.1618

Protanopia

93.4020, -16.4672, 8.4174

Deuteranopia

93.8700, -16.2049, 17.6540



Tritanopia

96.3650, -0.1799, 11.0809

Trichromacy



Original Color

93.4130, -16.4726, 10.1618

Protanomaly

93.7010, -16.6146, 9.0322

Deuteranomaly

93.5600, -16.0521, 15.2949

Tritanomaly

95.1710, -6.0003, 11.2510

Monochromacy



Original Color

93.4130, -16.4726, 10.1618

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.8280, -5.8312, 3.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.4130, -16.4726, 10.1618 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(105, 94, 60)` looks like.

```
.text, #text, p{  
    color:rgb(105, 94, 60)  
}
```

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(105, 94, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 94, 60) }
```

Border

The CSS property to change the border of an element to YUV 93.4130, -16.4726, 10.1618 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(105, 94, 60) }
```


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

```
.border{ border-color:rgb(105, 94, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 94, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 94, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 94, 60);  
box-shadow:4px 4px 4px 4px rgb(105, 94,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 93.4130, -16.4726, 10.1618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 94, 60) }
```

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

```
.background{ background-color: rgb(105, 94,  
60) }
```

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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