

Converting Colors

YUV(93.3320, -16.9257,
15.4948)

Have a look what the booklet for
YUV(93.3320, -16.9257, 15.4948)
contains.

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Color

**YUV(93.3320, -16.9257,
15.4948)**

Conversions

Conversions Part 1

Format	Color
Hex	6F5B3B
RGB	111, 91, 59
RGB Percent	44%, 36%, 23%
CMY	0.5647, 0.6431, 0.7686
CMYK	0.00, 0.18, 0.47, 0.56
HSL	37°, 31%, 33%
HSV	37°, 47%, 44%
XYZ	11.0860, 11.1774, 5.7108
YIQ	93.3320, 22.1920, -5.7120

Conversions

Conversions Part 2

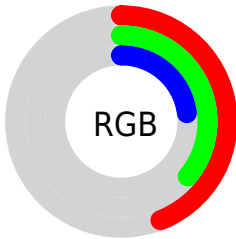
Format	Color
RYB	92, 111, 59
Decimal	7297851
CIELab	39.88, 3.44, 21.48
CIElCh	40, 21.751, 80.891
Yxy	11.1774, 0.3963, 0.3996
Android (android.graphics.Color)	4285487931 (0xFF6F5B3B)
YUV	93.3320, -16.9257, 15.4948
Hunter-Lab	33.4327, 0.6822, 13.2752

Details

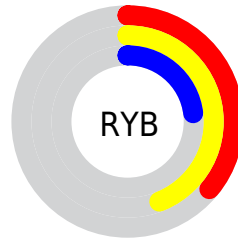
The YUV color **93.3320, -16.9257, 15.4948** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **76.6680, 16.9257, -15.4948**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0010, -18.2415, 17.5391**, and **46.4780, -15.0257, 12.7358** is the 20% darker color. If you saturate the color by 10%, you get **89.7300, -20.5729, 18.6538**, and if you desaturate by 10%, it is **96.9340, -13.2785, 12.3359**.

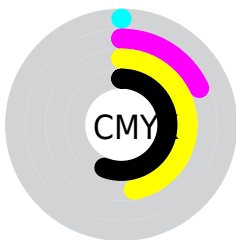
Distribution



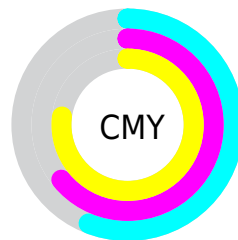
- Red (44%)
- Green (36%)
- Blue (23%)



- Red (36%)
- Yellow (44%)
- Blue (23%)



- Cyan (0%)
- Magenta (18%)
- Yellow (47%)
- Black (56%)



- Cyan (56%)
- Magenta (64%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.3320, -16.9257, 15.4948 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 93.3320, -16.9257, 15.4948 by changing the saturation by 10% instead.

■ 93.3320, -16.9257,
15.4948

■ 93.3320, -16.9257,
15.4948

255.0000, 0.0000,
0.0000

■ 69.8480, -16.1941,
14.1653

■ 144.0010,
-18.2415, 17.5391

■ 46.4780, -15.0257,
12.7358

■ 170.1860,
-18.8257, 18.2539

■ 26.3360, -12.9836,
11.1063

■ 198.2570,
-19.8467, 19.0686

■ 2.3920, -1.1793,
4.9182

■ 225.8550,
-20.1415, 20.2982

■ 0.0000, 0.0000,
0.0000

■ 247.8640,
-17.1880, 6.2583

■ 253.5180, -5.6784,

1.2997

■ 93.3320, -16.9257,
15.4948

■ 93.3320, -16.9257,
15.4948

■ 89.7300, -20.5729,
18.6538

■ 96.9340, -13.2785,
12.3359

■ 85.5410, -23.9307,
22.3275

■ 101.1230, -9.9206,
8.6621

■ 81.9390, -27.5779,
25.4865

■ 104.7250, -6.2734,
5.5032

■ 78.3370, -31.2251,
28.6455

■ 108.3270, -2.6262,
2.3442

■ 74.7350, -34.8724,
31.8044

■ 112.0430, 1.4578,
-0.9147

■ 73.1050, -36.0408,
33.2339

■ 116.2320, 4.8156,
-4.5885

■ 119.8340, 8.4628,
-7.7474

■ 123.4360, 12.1101,
-10.9064

■ 127.0380, 15.7573,
-14.0653

Harmonies

Analogous

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



94.6090, -13.6112, 25.7759



93.3320, -16.9257, 15.4948



91.5860, -15.5719, 1.2401

Triad

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



93.3320, -16.9257, 15.4948



82.7110, 11.4815, -42.7195



96.3080, 9.7082, 12.8849

Complementary

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



93.3320, -16.9257, 15.4948



76.6680, 16.9257, -15.4948

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.



94.5060, 16.0195, -4.8288



93.3320, -16.9257, 15.4948



84.7310, 17.8806, -41.8601

Square

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



93.3320, -16.9257, 15.4948



86.0410, 0.9658, -29.8540



89.8840, 19.2842, -25.3313



96.3220, 1.8133, 25.1506

Rectangle

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



93.3320, -16.9257, 15.4948



90.2580, -11.4662, -8.9963



89.8840, 19.2842, -25.3313



95.9590, 12.3452, 7.0520

Sweetspot

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



93.3320, -16.9257, 15.4948



138.6110, -6.7102, 5.6032



76.9420, 1.5076, 29.8689



69.5830, -4.2314, 3.8737



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.



93.3320, -16.9257, 15.4948



117.5690, -26.4095, 24.0570



103.5770, -21.9765, 2.1250



54.1420, -2.0420, 1.6295



79.3180, -39.1038, 35.6781



163.0770, -80.3970, 73.6005

Inverse Universe

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



76.6680, 16.9257, -15.4948



91.4310, 26.4095, -24.0570



66.4230, 21.9765, -2.1250



52.4450, 1.7526, -2.1443



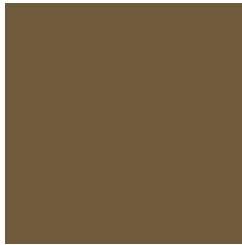
40.6820, 39.1038, -35.6781



83.9230, 80.3970, -73.6005

Previews

White Background



This preview shows how the YUV color 93.3320, -16.9257, 15.4948 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 93.3320, -16.9257, 15.4948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

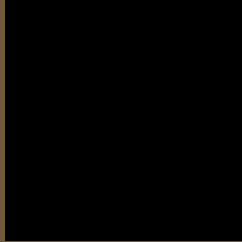
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.3320, -16.9257, 15.4948

Background



This preview shows how black text looks on a background with the YUV color 93.3320, -16.9257, 15.4948.



This preview shows how white text looks on a background with the YUV color 93.3320, -16.9257,

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

93.3320, -16.9257, 15.4948

Protanopia

92.5160, -16.0304, 8.3175

Deuteranopia

93.6420, -17.0785, 17.8540



Tritanopia

95.7570, -1.3592, 15.9991

Trichromacy



Original Color

93.3320, -16.9257, 15.4948

Protanomaly

92.8260, -16.1832, 10.6766

Deuteranomaly

93.3430, -16.9311, 17.2392

Tritanomaly

94.6770, -6.7428, 16.0693

Monochromacy



Original Color

93.3320, -16.9257, 15.4948

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.1380, -5.9840, 6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.3320, -16.9257, 15.4948 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(111, 91, 59)` looks like.

```
.text, #text, p{  
    color:rgb(111, 91, 59)  
}
```

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(111, 91, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 91, 59) }
```

Border

The CSS property to change the border of an element to YUV 93.3320, -16.9257, 15.4948 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(111, 91, 59) }
```


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

```
.border{ border-color:rgb(111, 91, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 91, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 91, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 91, 59);  
box-shadow:4px 4px 4px 4px rgb(111, 91,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 93.3320, -16.9257, 15.4948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 91, 59) }
```

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

```
.background{ background-color: rgb(111, 91,  
59) }
```

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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