

Converting Colors

YUV(93.1040, -17.7993,
15.6948)

Have a look what the booklet for
YUV(93.1040, -17.7993, 15.6948)
contains.

YUV(93.1040, -17.7993, 15.6948)	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(93.1040, -17.7993,
15.6948)**

Conversions

Conversions Part 1

Format	Color
Hex	6F5B39
RGB	111, 91, 57
RGB Percent	44%, 36%, 22%
CMY	0.5647, 0.6431, 0.7765
CMYK	0.00, 0.18, 0.49, 0.56
HSL	38°, 32%, 33%
HSV	38°, 49%, 44%
XYZ	11.0351, 11.1571, 5.4428
YIQ	93.1040, 22.8340, -6.3340

Conversions

Conversions Part 2

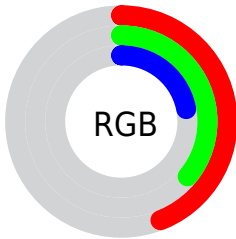
Format	Color
RYB	89, 111, 57
Decimal	7297849
CIELab	39.84, 3.22, 22.61
CIELCh	40, 22.835, 81.905
Yxy	11.1571, 0.3993, 0.4037
Android (android.graphics.Color)	4285487929 (0xFF6F5B39)
YUV	93.1040, -17.7993, 15.6948
Hunter-Lab	33.4022, 0.5175, 13.7204

Details

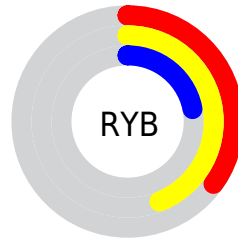
The YUV color **93.1040, -17.7993, 15.6948** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **74.8960, 17.7993, -15.6948**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7730, -19.1151, 17.7391**, and **46.2500, -15.8993, 12.9358** is the 20% darker color. If you saturate the color by 10%, you get **89.5020, -21.4465, 18.8537**, and if you desaturate by 10%, it is **96.7060, -14.1521, 12.5358**.

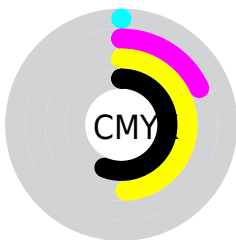
Distribution



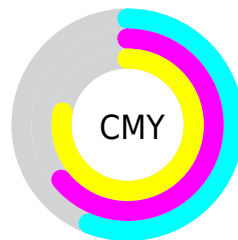
- Red (44%)
- Green (36%)
- Blue (22%)



- Red (35%)
- Yellow (44%)
- Blue (22%)



- Cyan (0%)
- Magenta (18%)
- Yellow (49%)
- Black (56%)



- Cyan (56%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.1040, -17.7993, 15.6948 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 93.1040, -17.7993, 15.6948 by changing the saturation by 10% instead.

93.1040, -17.7993,
15.6948

93.1040, -17.7993,
15.6948

255.0000, 0.0000,
0.0000

69.6200, -17.0677,
14.3653

143.7730,
-19.1151, 17.7391

46.2500, -15.8993,
12.9358

170.2570,
-19.8467, 19.0686

26.3360, -12.9836,
11.1063

198.0290,
-20.7203, 19.2686

2.0930, -1.0318,
4.3034

225.6270,
-21.0151, 20.4981

0.0000, 0.0000,
0.0000

247.6360,
-18.0615, 6.4582

253.1760, -6.9888,

1.5996

■ 93.1040, -17.7993,
15.6948

■ 93.1040, -17.7993,
15.6948

■ 89.5020, -21.4465,
18.8537

■ 96.7060, -14.1521,
12.5358

■ 85.9000, -25.0937,
22.0127

■ 100.3080,
-10.5048, 9.3769

■ 82.2980, -28.7409,
25.1717

■ 103.9100, -6.8576,
6.2179

■ 78.6960, -32.3881,
28.3306

■ 107.5120, -3.2104,
3.0590

■ 74.5070, -35.7460,
32.0044

■ 111.8150, 0.5842,
-0.7148

■ 74.2790, -36.6195,
32.2043

■ 115.4170, 4.2314,
-3.8737

■ 119.0190, 7.8786,
-7.0327

■ 122.6210, 11.5258,
-10.1916

■ 126.2230, 15.1731,
-13.3506

Harmonies

Analogous

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



94.6800, -14.6322, 26.5906



93.1040, -17.7993, 15.6948



91.1730, -15.8613, 0.7253

Triad

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



93.1040, -17.7993, 15.6948



81.3190, 12.6607, -47.6378



96.4330, 10.1395, 14.5293

Complementary

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



93.1040, -17.7993, 15.6948



74.8960, 17.7993, -15.6948

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.



94.6200, 16.4563, -4.9287



93.1040, -17.7993, 15.6948



83.1650, 19.6387, -45.7487

Square

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



93.1040, -17.7993, 15.6948



85.4320, 1.2660, -32.8279



89.6990, 19.8684, -26.0460



96.3330, 1.8078, 26.8950

Rectangle

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



93.1040, -17.7993, 15.6948



89.5460, -11.6082, -10.1258



89.6990, 19.8684, -26.0460



96.0840, 12.7766, 8.6963

Sweetspot

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



93.1040, -17.7993, 15.6948



137.9100, -6.8576, 6.2179



75.5400, 1.2128, 31.0984



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.



93.1040, -17.7993, 15.6948



117.2270, -27.7199, 24.3569



103.0500, -22.7026, 1.7102



54.1420, -2.0420, 1.6295



79.9050, -39.3932, 35.1633



165.4250, -81.5545, 71.5413

Inverse Universe

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



74.8960, 17.7993, -15.6948



88.7730, 27.7199, -24.3569



64.9500, 22.7027, -1.7101



52.4450, 1.7526, -2.1443



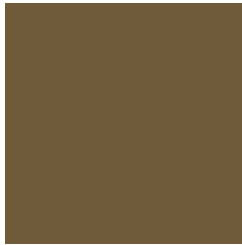
39.5080, 39.6826, -34.6485



82.1620, 81.2651, -72.0561

Previews

White Background



This preview shows how the YUV color 93.1040, -17.7993, 15.6948 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 93.1040, -17.7993, 15.6948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

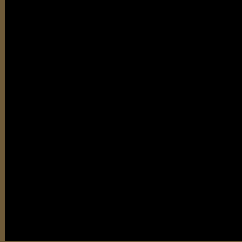
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.1040, -17.7993, 15.6948

Background



This preview shows how black text looks on a background with the YUV color 93.1040, -17.7993, 15.6948.



This preview shows how white text looks on a background with the YUV color 93.1040, -17.7993,

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

93.1040, -17.7993, 15.6948

Protanopia

92.5870, -17.0514, 9.1322

Deuteranopia

93.4140, -17.9521, 18.0539



Tritanopia

95.7570, -1.3592, 15.9991

Trichromacy



Original Color

93.1040, -17.7993, 15.6948

Protanomaly

92.8970, -17.2042, 11.4913

Deuteranomaly

93.1150, -17.8047, 17.4391

Tritanomaly

94.5630, -7.1796, 16.1692

Monochromacy



Original Color

93.1040, -17.7993, 15.6948

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.0240, -6.4208, 6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.1040, -17.7993, 15.6948 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, 57)` looks like.

```
.text, #text, p{  
    color:rgb(111, 91, 57)  
}
```

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, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 91, 57) }
```

Border

The CSS property to change the border of an element to YUV 93.1040, -17.7993, 15.6948 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, 57) }
```


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

```
.border{ border-color:rgb(111, 91, 57) }
```

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, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 91, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 91, 57);  
box-shadow:4px 4px 4px 4px rgb(111, 91,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 93.1040, -17.7993, 15.6948 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, 57) }
```

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

```
.background{ background-color: rgb(111, 91,  
57) }
```

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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