

Converting Colors

YUV(95.6840, -37.3122,
67.8061)

Have a look what the booklet for
YUV(95.6840, -37.3122, 67.8061)
contains.

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Color

**YUV(95.6840, -37.3122,
67.8061)**

Conversions

Conversions Part 1

Format	Color
Hex	AD4714
RGB	173, 71, 20
RGB Percent	68%, 28%, 8%
CMY	0.3216, 0.7216, 0.9216
CMYK	0.00, 0.59, 0.88, 0.32
HSL	20°, 79%, 38%
HSV	20°, 88%, 68%
XYZ	19.6131, 13.4412, 2.2225
YIQ	95.6840, 77.1630, 5.7630

Conversions

Conversions Part 2

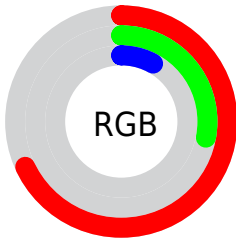
Format	Color
R_{YB}	173, 97, 20
Decimal	11355924
CIE _{Lab}	43.42, 39.34, 47.79
CIE _{LCh}	43, 61.901, 50.539
Yxy	13.4412, 0.5560, 0.3810
Android (android.graphics.Color)	4289546004 (0xFFAD4714)
YUV	95.6840, -37.3122, 67.8061
Hunter-Lab	36.6623, 31.3325, 22.0694

Details

The YUV color **95.6840, -37.3122, 67.8061** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **97.3160, 37.3122, -67.8061**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.3320, -40.0967, 74.2538**, and **44.3530, -21.8660, 60.2034** is the 20% darker color. If you saturate the color by 10%, you get **86.7020, -41.2651, 75.6833**, and if you desaturate by 10%, it is **104.6660, -33.3593, 59.9289**.

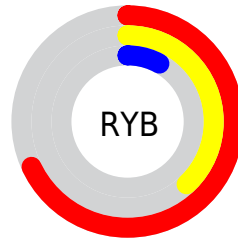
Distribution



Red (68%)

Green (28%)

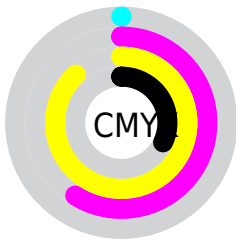
Blue (8%)



Red (68%)

Yellow (38%)

Blue (8%)

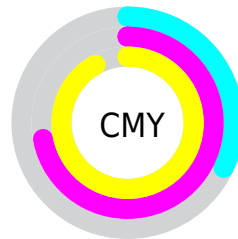


Cyan (0%)

Magenta (59%)

Yellow (88%)

Black (32%)



Cyan (32%)

Magenta (72%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.6840, -37.3122, 67.8061 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 95.6840, -37.3122, 67.8061 by changing the saturation by 10% instead.

■ 95.6840, -37.3122,
67.8061

■ 95.6840, -37.3122,
67.8061

255.0000, 0.0000,
0.0000

■ 69.7590, -34.3912,
64.2324

■ 150.3320,
-40.0967, 74.2538

■ 44.3530, -21.8660,
60.2034

■ 174.4240,
-39.6490, 70.6652

■ 25.1160, -12.3822,
51.6413

■ 193.8240,
-36.3952, 53.6514

■ 16.7440, -8.2548,
34.4275

■ 213.2240,
-33.1414, 36.6376

■ 6.8770, -3.3904,
14.1399

■ 232.7380,
-29.4508, 19.5238

■ 0.0000, 0.0000,
0.0000

■ 248.8440,

-23.5871, 5.3988

■ 252.0360,
-11.3567, 2.5994

■ 95.6840, -37.3122,
67.8061

■ 95.6840, -37.3122,
67.8061

■ 86.7020, -41.2651,
75.6833

■ 104.6660,
-33.3593, 59.9289

■ 85.7730, -42.2861,
76.4981

■ 113.1750,
-28.6803, 52.4665

■ 122.1570,
-24.7274, 44.5893

■ 130.5520,
-20.4851, 37.2269

■ 139.5340,
-16.5323, 29.3497

■ 148.0430,
-11.8532, 21.8873

■ 157.0250, -7.9003,
14.0101

■ 165.4200, -3.6581,
6.6477

■ 174.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



92.0910, -10.8909, 86.7432



95.6840, -37.3122, 67.8061



97.0270, -47.8343, 35.9333

Triad

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



95.6840, -37.3122, 67.8061



82.3640, 0.8065, -72.2332



96.4940, 51.0285, -33.7592

Complementary

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



95.6840, -37.3122, 67.8061



97.3160, 37.3122, -67.8061

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.



90.2880, 56.5530, -79.1826



95.6840, -37.3122, 67.8061



88.9930, 23.6675, -78.0469

Square

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



95.6840, -37.3122, 67.8061



73.7460, -22.0598, -64.6752



92.2480, 43.7547, -80.9015



104.3090, 31.8927, 37.4400

Rectangle

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



95.6840, -37.3122, 67.8061



94.5140, -46.5954, 11.8272



92.2480, 43.7547, -80.9015



83.8310, 59.7363, -73.5198

Sweetspot

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



95.6840, -37.3122, 67.8061



193.6800, -14.6322, 26.5906



77.3750, 22.0001, 83.8631



93.8080, -8.7793, 15.9544



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



95.6840, -37.3122, 67.8061



111.0010, -54.7235, 99.1001



140.8830, -59.5953, 28.1666



82.4520, -2.1948, 3.9886



74.2000, -36.5806, 66.4766



11.5730, -5.7055, 10.0215

Inverse Universe

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



97.3160, 37.3122, -67.8061



113.5860, 54.4341, -99.6149



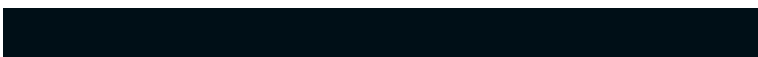
52.7040, 59.3059, -28.6814



82.5480, 2.1948, -3.9886



75.8000, 36.5806, -66.4766



11.4270, 5.7055, -10.0215

Previews

White Background



This preview shows how the YUV color 95.6840, -37.3122, 67.8061 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 95.6840, -37.3122, 67.8061 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 95.6840, -37.3122, 67.8061

Background



This preview shows how black text looks on a background with the YUV color 95.6840, -37.3122, 67.8061.



This preview shows how white text looks on a background with the YUV color 95.6840, -37.3122,

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

95.6840, -37.3122, 67.8061

Protanopia

98.9240, -34.9655, 14.9757

Deuteranopia

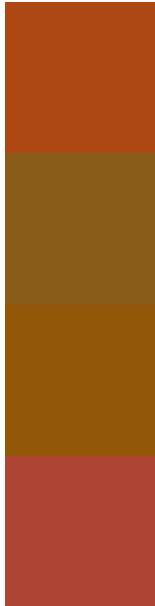
96.6950, -47.6706, 30.0855



Tritanopia

99.0470, -14.3202, 66.6108

Trichromacy



Original Color

95.6840, -37.3122, 67.8061

Protanomaly

97.8170, -35.8988, 34.3635

Deuteranomaly

96.1080, -43.9302, 43.7553

Tritanomaly

97.8700, -22.6139, 66.7660

Monochromacy



Original Color

95.6840, -37.3122, 67.8061

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8970, -13.7532, 24.6463

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.6840, -37.3122, 67.8061 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(173, 71, 20)` looks like.

```
.text, #text, p{  
    color:rgb(173, 71, 20)  
}
```

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(173, 71, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 71, 20) }
```

Border

The CSS property to change the border of an element to YUV 95.6840, -37.3122, 67.8061 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(173, 71, 20) }
```


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

```
.border{ border-color:rgb(173, 71, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 71, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 71, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 71, 20);  
box-shadow:4px 4px 4px 4px rgb(173, 71,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 95.6840, -37.3122, 67.8061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 71, 20) }
```

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

```
.background{ background-color: rgb(173, 71,  
20) }
```

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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