

Converting Colors

YUV(99.2990, -30.2204,
33.0638)

Have a look what the booklet for
YUV(99.2990, -30.2204, 33.0638)
contains.

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Color

**YUV(99.2990, -30.2204,
33.0638)**

Conversions

Conversions Part 1

Format	Color
Hex	895C26
RGB	137, 92, 38
RGB Percent	54%, 36%, 15%
CMY	0.4627, 0.6392, 0.8510
CMYK	0.00, 0.33, 0.72, 0.46
HSL	33°, 57%, 34%
HSV	33°, 72%, 54%
XYZ	14.4935, 13.1126, 3.6008
YIQ	99.2990, 44.1540, -7.2540

Conversions

Conversions Part 2

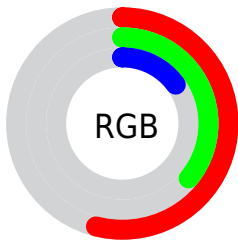
Format	Color
R_{YB}	121, 137, 38
Decimal	9002022
CIE _{Lab}	42.93, 13.11, 37.41
CIE _{LCh}	43, 39.641, 70.693
Yxy	13.1126, 0.4644, 0.4202
Android (android.graphics.Color)	4287192102 (0xFF895C26)
YUV	99.2990, -30.2204, 33.0638
Hunter-Lab	36.2113, 8.0745, 19.4522

Details

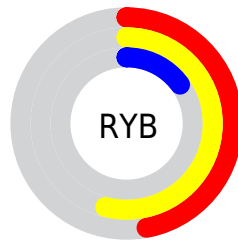
The YUV color **99.2990, -30.2204, 33.0638** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **75.7010, 30.2204, -33.0638**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1640, -32.1259, 37.5672**, and **51.8190, -25.5468, 27.3457** is the 20% darker color. If you saturate the color by 10%, you get **94.1810, -34.5992, 37.5523**, and if you desaturate by 10%, it is **104.4170, -25.8416, 28.5753**.

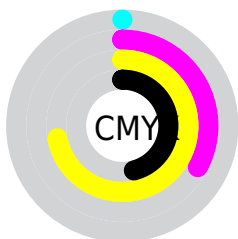
Distribution



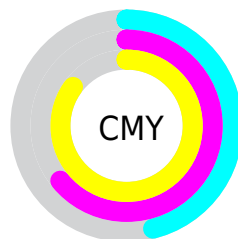
- Red (54%)
- Green (36%)
- Blue (15%)



- Red (47%)
- Yellow (54%)
- Blue (15%)



- Cyan (0%)
- Magenta (33%)
- Yellow (72%)
- Black (46%)



- Cyan (46%)
- Magenta (64%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.2990, -30.2204, 33.0638 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 99.2990, -30.2204, 33.0638 by changing the saturation by 10% instead.

■ 99.2990, -30.2204,
33.0638

■ 99.2990, -30.2204,
33.0638

255.0000, 0.0000,
0.0000

■ 74.4020, -29.7782,
31.2194

■ 151.1640,
-32.1259, 37.5672

■ 51.8190, -25.5468,
27.3457

■ 178.5340,
-33.2943, 38.9967

■ 31.7180, -15.6370,
22.1723

■ 206.3170,
-34.1733, 40.9410

■ 9.8670, -4.8644,
20.2876

■ 226.3150,
-31.2143, 25.1567

■ 0.0000, 0.0000,
0.0000

■ 245.9430,
-27.0869, 7.9430

■ 250.8960,

-15.7247, 3.5992

254.2020, -3.0576,
0.6998

99.2990, -30.2204,
33.0638

99.2990, -30.2204,
33.0638

94.1810, -34.5992,
37.5523

104.4170,
-25.8416, 28.5753

89.1770, -38.5413,
41.9408

109.4210,
-21.8996, 24.1868

84.9880, -41.8991,
45.6145

115.1260,
-17.8101, 19.1835

120.2440,
-13.4313, 14.6950

125.3620, -9.0525,
10.2065

■ 130.3660, -5.1104,
5.8180

■ 136.0710, -1.0210,
0.8147

■ 141.1890, 3.3578,
-3.6738

■ 146.1930, 7.2999,
-8.0623

Harmonies

Analogous

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



100.4440, -19.9389, 48.7226



99.2990, -30.2204, 33.0638



96.8140, -31.4603, 10.6871

Triad

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



99.2990, -30.2204, 33.0638



82.1480, 15.2100, -72.0438



104.4510, 22.9487, 12.7595

Complementary

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



99.2990, -30.2204, 33.0638



75.7010, 30.2204, -33.0638

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.



97.0480, 33.9933, -29.8601



99.2990, -30.2204, 33.0638



84.3940, 28.8928, -74.0135

Square

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



99.2990, -30.2204, 33.0638



78.8920, 0.0532, -63.9263



83.7390, 39.0757, -73.4391



103.5980, 10.0582, 40.6946

Rectangle

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



99.2990, -30.2204, 33.0638



94.4850, -25.8751, -7.4413



83.7390, 39.0757, -73.4391



103.1120, 27.0598, 0.7788

Sweetspot

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



99.2990, -30.2204, 33.0638



163.8740, -12.2629, 13.2655



72.8450, 5.4994, 56.2639



80.5080, -7.1524, 7.4475



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



99.2990, -30.2204, 33.0638



119.5390, -47.5937, 52.1473



124.8170, -42.8008, 8.0535



66.4410, -2.1894, 2.2442



82.0310, -40.4413, 44.6998



3.2560, -1.6052, 1.5295

Inverse Universe

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



75.7010, 30.2204, -33.0638



82.4610, 47.5937, -52.1473



50.1830, 42.8008, -8.0535



64.5590, 2.1894, -2.2442



50.3820, 40.7307, -44.1850



1.7440, 1.6052, -1.5295

Previews

White Background



This preview shows how the YUV color 99.2990, -30.2204, 33.0638 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 99.2990, -30.2204, 33.0638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

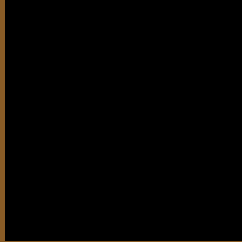
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.2990, -30.2204, 33.0638

Background



This preview shows how black text looks on a background with the YUV color 99.2990, -30.2204, 33.0638.



This preview shows how white text looks on a background with the YUV color 99.2990, -30.2204,

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

99.2990, -30.2204, 33.0638

Protanopia

98.3350, -28.2662, 12.8612

Deuteranopia

99.1300, -30.6301, 24.4420



Tritanopia

102.9440, -4.9024, 32.4981

Trichromacy



Original Color

99.2990, -30.2204, 33.0638

Protanomaly

98.5640, -28.8721, 20.5534

Deuteranomaly

99.1520, -30.6409, 27.9307

Tritanomaly

101.5390, -14.0697, 32.8533

Monochromacy



Original Color

99.2990, -30.2204, 33.0638

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9170, -10.8051, 12.3508

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.2990, -30.2204, 33.0638 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(137, 92, 38)` looks like.

```
.text, #text, p{  
    color:rgb(137, 92, 38)  
}
```

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(137, 92, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 92, 38) }
```

Border

The CSS property to change the border of an element to YUV 99.2990, -30.2204, 33.0638 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(137, 92, 38) }
```


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

```
.border{ border-color:rgb(137, 92, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 92, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 92, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 92, 38);  
box-shadow:4px 4px 4px 4px rgb(137, 92,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 99.2990, -30.2204, 33.0638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 92, 38) }
```

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

```
.background{ background-color: rgb(137, 92,  
38) }
```

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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