

Converting Colors

YUV(95.4790, -33.2671,
30.2749)

Have a look what the booklet for
YUV(95.4790, -33.2671, 30.2749)
contains.

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Color

**YUV(95.4790, -33.2671,
30.2749)**

Conversions

Conversions Part 1

Format	Color
Hex	825B1C
RGB	130, 91, 28
RGB Percent	51%, 36%, 11%
CMY	0.4902, 0.6431, 0.8902
CMYK	0.00, 0.30, 0.78, 0.49
HSL	37°, 65%, 31%
HSV	37°, 78%, 51%
XYZ	13.1566, 12.3118, 2.7816
YIQ	95.4790, 43.4670, -11.3250

Conversions

Conversions Part 2

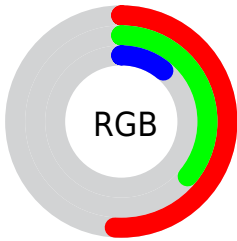
Format	Color
RYB	91, 130, 28
Decimal	8543004
CIELab	41.71, 9.91, 40.59
CIElCh	42, 41.783, 76.285
Yxy	12.3118, 0.4657, 0.4358
Android (android.graphics.Color)	4286733084 (0xFF825B1C)
YUV	95.4790, -33.2671, 30.2749
Hunter-Lab	35.0882, 5.5256, 19.8616

Details

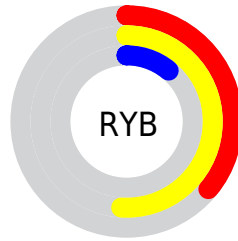
The YUV color **95.4790, -33.2671, 30.2749** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **62.5210, 33.2671, -30.2749**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0450, -35.0252, 34.1635**, and **49.4380, -24.3729, 24.1719** is the 20% darker color. If you saturate the color by 10%, you get **91.0620, -37.4986, 34.1486**, and if you desaturate by 10%, it is **99.8960, -29.0357, 26.4012**.

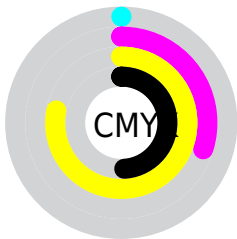
Distribution



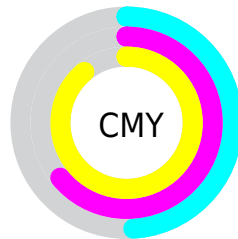
- Red (51%)
- Green (36%)
- Blue (11%)



- Red (36%)
- Yellow (51%)
- Blue (11%)



- Cyan (0%)
- Magenta (30%)
- Yellow (78%)
- Black (49%)



- Cyan (49%)
- Magenta (64%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.4790, -33.2671, 30.2749 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 95.4790, -33.2671, 30.2749 by changing the saturation by 10% instead.

95.4790, -33.2671,
30.2749

95.4790, -33.2671,
30.2749

255.0000, 0.0000,
0.0000

70.8270, -34.4247,
28.2157

147.0450,
-35.0252, 34.1635

49.4380, -24.3729,
24.1719

173.8280,
-35.9042, 36.1078

29.6250, -14.6051,
17.8689

202.1980,
-37.0726, 37.5374

8.0730, -3.9800,
16.5990

224.1150,
-34.5667, 27.0861

0.0000, 0.0000,
0.0000

244.2160,
-31.1655, 9.4576

249.7560,

-20.0927, 4.5990

252.9480, -7.8624,
1.7996

95.4790, -33.2671,
30.2749

95.4790, -33.2671,
30.2749

91.0620, -37.4986,
34.1486

99.8960, -29.0357,
26.4012

86.6450, -41.7300,
38.0223

104.3130,
-24.8043, 22.5275

85.8300, -42.3142,
38.7371

108.7300,
-20.5729, 18.6538

113.1470,
-16.3415, 14.7801

117.5640,
-12.1101, 10.9064

■ 121.9810, -7.8786,
7.0327

■ 126.3980, -3.6472,
3.1590

■ 130.8150, 0.5842,
-0.7148

■ 135.2320, 4.8156,
-4.5885

Harmonies

Analogous

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



96.9340, -23.1385, 48.2929



95.4790, -33.2671, 30.2749



92.5530, -32.3176, 5.6540

Triad

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



95.4790, -33.2671, 30.2749



80.8430, 17.8254, -70.8993



101.2670, 22.0534, 19.9368

Complementary

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



95.4790, -33.2671, 30.2749



62.5210, 33.2671, -30.2749

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.



96.0920, 33.9716, -22.8827



95.4790, -33.2671, 30.2749



83.0890, 31.5081, -72.8691

Square

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



95.4790, -33.2671, 30.2749



76.1520, 2.3901, -66.7853



81.6190, 41.1068, -71.5799



99.4740, 8.1473, 46.9423

Rectangle

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



95.4790, -33.2671, 30.2749



89.9680, -25.1272, -14.0039



81.6190, 41.1068, -71.5799



100.6290, 26.3119, 7.3414

Sweetspot

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



95.4790, -33.2671, 30.2749



154.6350, -13.1311, 11.7211



62.9440, 1.9996, 58.8081



75.9810, -7.8786, 7.0327



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



95.4790, -33.2671, 30.2749



114.7680, -51.6506, 46.6845



114.7840, -42.7845, 2.8204



61.4410, -2.1894, 2.2442



84.6450, -41.7300, 38.0223



0.0000, 0.0000, 0.0000

Inverse Universe

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



62.5210, 33.2671, -30.2749



63.8190, 51.3612, -47.1993



43.2160, 42.7845, -2.8204



59.5590, 2.1894, -2.2442



43.3550, 41.7300, -38.0223



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 95.4790, -33.2671, 30.2749 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 95.4790, -33.2671, 30.2749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

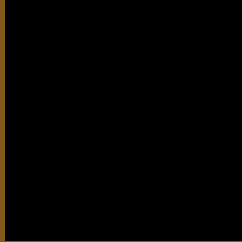
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.4790, -33.2671, 30.2749

Background



This preview shows how black text looks on a background with the YUV color 95.4790, -33.2671, 30.2749.



This preview shows how white text looks on a background with the YUV color 95.4790, -33.2671,

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

95.4790, -33.2671, 30.2749

Protanopia

94.7220, -31.9079, 14.2758

Deuteranopia

95.3320, -33.6877, 25.1418



Tritanopia

100.3350, -4.6022, 29.5242

Trichromacy



Original Color

95.4790, -33.2671, 30.2749

Protanomaly

94.9400, -32.5084, 20.2236

Deuteranomaly

95.3430, -33.6931, 26.8862

Tritanomaly

98.5880, -15.0799, 30.1793

Monochromacy



Original Color

95.4790, -33.2671, 30.2749

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.5640, -12.1101, 10.9064

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.4790, -33.2671, 30.2749 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(130, 91, 28)` looks like.

```
.text, #text, p{  
    color:rgb(130, 91, 28)  
}
```

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(130, 91, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 91, 28) }
```

Border

The CSS property to change the border of an element to YUV 95.4790, -33.2671, 30.2749 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(130, 91, 28) }
```


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

```
.border{ border-color:rgb(130, 91, 28) }
```

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

Here you see how a box with a 4 pixel rgb(130, 91, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 91, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 91, 28);  
box-shadow:4px 4px 4px 4px rgb(130, 91,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 95.4790, -33.2671, 30.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 91, 28) }
```

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

```
.background{ background-color: rgb(130, 91,  
28) }
```

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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