

Converting Colors

YUV(98.7970, -15.1829,
63.3220)

Have a look what the booklet for
YUV(98.7970, -15.1829, 63.3220)
contains.

YUV(98.7970, -15.1829, 63.3220) 3

***Conversions* 4**

***Details* 6**

***Harmonies* 12**

***Previews* 24**

***Color Blindness Simulation* 28**

***CSS Examples* 31**

Color

**YUV(98.7970, -15.1829,
63.3220)**

Conversions

Conversions Part 1	
Format	Color
Hex	AB4444
RGB	171, 68, 68
RGB Percent	67%, 27%, 27%
CMY	0.3294, 0.7333, 0.7333
CMYK	0.00, 0.60, 0.60, 0.33
HSL	0°, 43%, 47%
HSV	0°, 60%, 67%
XYZ	19.9051, 13.2095, 6.9694
YIQ	98.7970, 61.3880, 21.8360

Conversions

Conversions Part 2

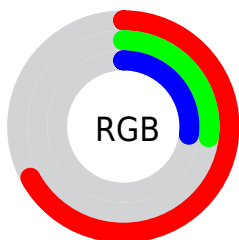
Format	Color
RYB	171, 68, 68
Decimal	11224132
CIELab	43.08, 42.28, 21.85
CIELCh	43, 47.595, 27.333
Yxy	13.2095, 0.4966, 0.3295
Android (android.graphics.Color)	4289414212 (0xFFAB4444)
YUV	98.7970, -15.1829, 63.3220
Hunter-Lab	36.3449, 34.1559, 14.0721

Details

The YUV color **98.7970, -15.1829, 63.3220** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **140.2030, 15.1829, -63.3220**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.7330, -18.1094, 68.6402**, and **43.0940, -8.9203, 61.3076** is the 20% darker color. If you saturate the color by 10%, you get **86.8800, -17.6888, 73.7732**, and if you desaturate by 10%, it is **110.7140, -12.6770, 52.8708**.

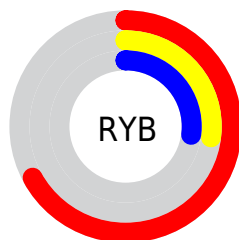
Distribution



Red (67%)

Green (27%)

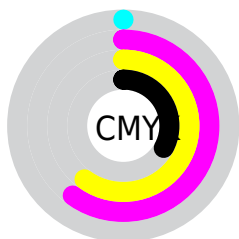
Blue (27%)



Red (67%)

Yellow (27%)

Blue (27%)

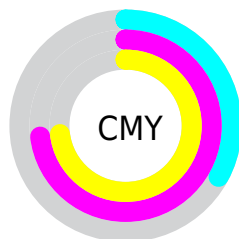


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (33%)



Cyan (33%)

Magenta (73%)


Yellow (73%)


Brightness & Saturation

Gradients


These gradients show how the YUV color 98.7970, -15.1829, 63.3220 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 98.7970, -15.1829, 63.3220 by changing the saturation by 10% instead.


 98.7970, -15.1829,
63.3220

 98.7970, -15.1829,
63.3220


255.0000, 0.0000,
0.0000


 72.3560, -12.9935,
61.0778


 152.7330,
-18.1094, 68.6402


 43.0940, -8.9203,
61.3076


 178.7220,
-18.1039, 66.8958


 25.4150, -12.5296,
52.2560


 197.5350,
-14.5608, 50.3968

 17.3420, -8.5496,
35.6571

 217.6360,
-11.1595, 32.7682

 7.5890, -3.2484,
15.2694

 237.2640, -7.0322,
15.5545

 0.0000, 0.0000,
0.0000

254.6580, -1.3104,

0.2999

■ 98.7970, -15.1829,
63.3220

■ 98.7970, -15.1829,
63.3220

■ 86.8800, -17.6888,
73.7732

■ 110.7140,
-12.6770, 52.8708

■ 74.9630, -20.1948,
84.2244

■ 122.6310,
-10.1711, 42.4196

■ 63.0460, -22.7007,
94.6757

■ 134.5480, -7.6652,
31.9684

■ 51.1290, -25.2066,
105.1269

■ 146.4650, -5.1592,
21.5172

■ 158.3820, -2.6533,
11.0660

■ 171.0000, 0.0000,
0.0000

■ 182.9170, 2.5059,
-10.4512

■ 194.8340, 5.0118,
-20.9024

■ 206.7510, 7.5178,
-31.3536

Harmonies

Analogous

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



100.5960, 3.1572, 60.8673



98.7970, -15.1829, 63.3220



98.6430, -31.8690, 48.5481

Triad

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



98.7970, -15.1829, 63.3220



82.9510, -12.7938, -49.9460



83.4430, 48.0956, -73.1795

Complementary

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



98.7970, -15.1829, 63.3220



140.2030, 15.1829, -63.3220

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.



87.2440, 39.8127, -76.5130



98.7970, -15.1829, 63.3220



81.4980, 7.6425, -71.4737

Square

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



98.7970, -15.1829, 63.3220



92.9060, -34.4637, -6.0566



86.0580, 25.1144, -75.4729



102.6040, 34.2122, -6.6687

Rectangle

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



98.7970, -15.1829, 63.3220



97.7800, -39.8245, 33.5189



86.0580, 25.1144, -75.4729



85.5630, 46.0644, -75.0388

Sweetspot

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



98.7970, -15.1829, 63.3220



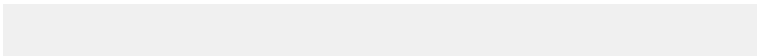
193.9600, -5.8963, 24.5911



110.5390, 29.8073, 53.0243



95.1760, -3.5378, 14.7546



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.



98.7970, -15.1829, 63.3220



109.8400, -23.5851, 98.3643



128.7340, -29.9419, 37.0673



80.6910, -1.3267, 5.5330



44.8500, -22.1110, 92.2166



6.8770, -3.3904, 14.1399

Inverse Universe

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



140.2030, 15.1829, -63.3220



174.1600, 23.5851, -98.3643



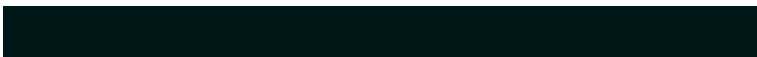
109.6790, 30.2313, -36.5525



84.3090, 1.3267, -5.5330



105.1500, 22.1110, -92.2166



16.1230, 3.3904, -14.1399

Previews

White Background



This preview shows how the YUV color 98.7970, -15.1829, 63.3220 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 98.7970, -15.1829, 63.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

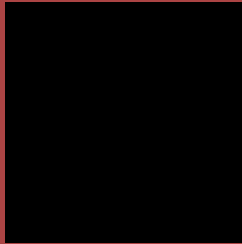
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.7970, -15.1829, 63.3220

Background



This preview shows how black text looks on a background with the YUV color 98.7970, -15.1829, 63.3220.



This preview shows how white text looks on a background with the YUV color 98.7970, -15.1829,

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

98.7970, -15.1829, 63.3220

Protanopia

101.9270, -9.3310, 6.2030

Deuteranopia

101.7840, -19.1205, 19.4834



Tritanopia

98.6660, -13.1463, 63.4369

Trichromacy



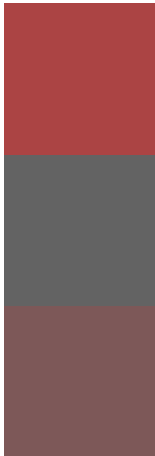
Original Color
98.7970, -15.1829, 63.3220

Protanomaly
101.1900, -11.4327, 27.0204

Deuteranomaly
100.6380, -17.5695, 35.3975

Tritanomaly
98.5520, -13.5831, 63.5369

Monochromacy



Original Color
98.7970, -15.1829, 63.3220

Achromatopsia
99.0000, 0.0000, 0.0000

Achromatomaly
99.0630, -5.4541, 22.7467

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.7970, -15.1829, 63.3220 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(171, 68, 68)` looks like.

```
.text, #text, p{  
    color:rgb(171, 68, 68)  
}
```

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(171, 68, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 68, 68) }
```

Border

The CSS property to change the border of an element to YUV 98.7970, -15.1829, 63.3220 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(171, 68, 68) }
```


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

```
.border{ border-color:rgb(171, 68, 68) }
```

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

Here you see how a box with a 4 pixel rgb(171, 68, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 68, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 68, 68);  
box-shadow:4px 4px 4px 4px rgb(171, 68,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 98.7970, -15.1829, 63.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(171, 68, 68) }
```

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

```
.background{ background-color:rgb(171, 68,  
68) }
```

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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