

Converting Colors

YUV(98.9160, -32.4966,
63.2177)

Have a look what the booklet for
YUV(98.9160, -32.4966, 63.2177)
contains.

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Color

**YUV(98.9160, -32.4966,
63.2177)**

Conversions

Conversions Part 1

Format	Color
Hex	AB4B21
RGB	171, 75, 33
RGB Percent	67%, 29%, 13%
CMY	0.3294, 0.7059, 0.8706
CMYK	0.00, 0.56, 0.81, 0.33
HSL	18°, 68%, 40%
HSV	18°, 81%, 67%
XYZ	19.5852, 13.7999, 3.0702
YIQ	98.9160, 70.6980, 7.2900

Conversions

Conversions Part 2

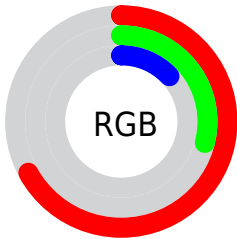
Format	Color
R_{YB}	171, 93, 33
Decimal	11225889
CIE Lab	43.94, 36.94, 42.48
CIE LCh	44, 56.296, 48.987
Yxy	13.7999, 0.5372, 0.3785
Android (android.graphics.Color)	4289415969 (0xFFAB4B21)
YUV	98.9160, -32.4966, 63.2177
Hunter-Lab	37.1482, 29.0990, 21.1035

Details

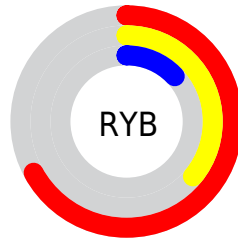
The YUV color **98.9160, -32.4966, 63.2177** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **105.0840, 32.4966, -63.2177**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.5640, -35.2811, 69.6654**, and **47.5760, -23.4550, 56.4998** is the 20% darker color. If you saturate the color by 10%, you get **89.9340, -36.4495, 71.0949**, and if you desaturate by 10%, it is **107.8980, -28.5437, 55.3405**.

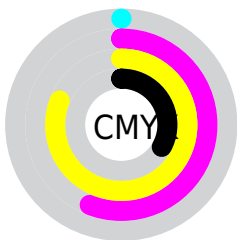
Distribution



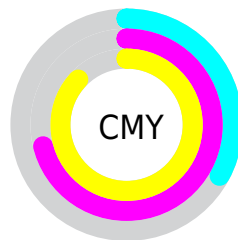
- Red (67%)
- Green (29%)
- Blue (13%)



- Red (67%)
- Yellow (36%)
- Blue (13%)



- Cyan (0%)
- Magenta (56%)
- Yellow (81%)
- Black (33%)





- Cyan (33%)
- Magenta (71%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.9160, -32.4966, 63.2177 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 98.9160, -32.4966, 63.2177 by changing the saturation by 10% instead.


 98.9160, -32.4966,
63.2177


 98.9160, -32.4966,
63.2177


255.0000, 0.0000,
0.0000

 72.4210, -31.7596,
60.1438


 152.5640,
-35.2811, 69.6654


 47.5760, -23.4550,
56.4998


 178.1400,
-35.5650, 67.4062


 24.8170, -12.2348,
51.0265

 196.8390,
-32.4586, 51.0072

 16.7440, -8.2548,
34.4275

 216.3530,
-28.7680, 33.8934

 6.8770, -3.3904,
14.1399

 236.4540,
-25.3668, 16.2648

 0.0000, 0.0000,
0.0000

 250.2120,

-18.3455, 4.1991

253.4040, -6.1152,
1.3997

98.9160, -32.4966,
63.2177

98.9160, -32.4966,
63.2177

89.9340, -36.4495,
71.0949

107.8980,
-28.5437, 55.3405

81.6530, -40.2549,
78.3573

116.8800,
-24.5908, 47.4632

125.8620,
-20.6380, 39.5860

134.8440,
-16.6851, 31.7088

143.3530,
-12.0060, 24.2464

■ 152.3350, -8.0532,
16.3692

■ 161.3170, -4.1003,
8.4920

■ 170.2990, -0.1474,
0.6148

■ 179.2810, 3.8055,
-7.2624

Harmonies

Analogous

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



97.1500, -10.4269, 77.9215



98.9160, -32.4966, 63.2177



98.2120, -48.4185, 36.6481

Triad

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



98.9160, -32.4966, 63.2177



82.3640, 0.8065, -72.2332



98.9520, 46.3657, -31.5299

Complementary

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



98.9160, -32.4966, 63.2177



105.0840, 32.4966, -63.2177

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.



89.2620, 52.6218, -78.2828



98.9160, -32.4966, 63.2177



88.5370, 21.9203, -77.6469

Square

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



98.9160, -32.4966, 63.2177



84.8240, -23.5772, -44.5726



92.0370, 40.4078, -80.7164



106.5810, 29.2936, 31.0625

Rectangle

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



98.9160, -32.4966, 63.2177



96.0090, -47.3324, 14.9011



92.0370, 40.4078, -80.7164



84.0930, 55.6632, -73.7496

Sweetspot

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



98.9160, -32.4966, 63.2177



194.2390, -12.4428, 24.3464



85.3200, 22.0272, 75.1414



95.4380, -7.6109, 14.5249



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.



98.9160, -32.4966, 63.2177



109.4400, -50.5029, 98.7151



138.8320, -52.1752, 28.2113



82.4520, -2.1948, 3.9886



71.8520, -35.4230, 68.5358



10.9860, -5.4161, 10.5363

Inverse Universe

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



105.0840, 32.4966, -63.2177



118.9730, 50.7923, -98.2003



65.1680, 52.1752, -28.2113



82.5480, 2.1948, -3.9886



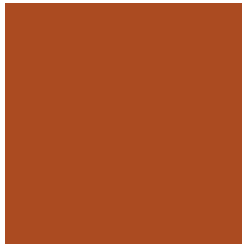
78.7350, 35.1336, -69.0506



12.0140, 5.4161, -10.5363

Previews

White Background



This preview shows how the YUV color 98.9160, -32.4966, 63.2177 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 98.9160, -32.4966, 63.2177 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 98.9160, -32.4966, 63.2177

Background



This preview shows how black text looks on a background with the YUV color 98.9160, -32.4966, 63.2177.



This preview shows how white text looks on a background with the YUV color 98.9160, -32.4966,

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

98.9160, -32.4966, 63.2177

Protanopia

101.2920, -29.7240, 13.7759

Deuteranopia

100.4310, -37.1875, 27.6860



Tritanopia

101.9540, -13.2883, 62.3073

Trichromacy



Original Color

98.9160, -32.4966, 63.2177

Protanomaly

100.4730, -30.7992, 32.0342

Deuteranomaly

99.6760, -35.3363, 40.6261

Tritanomaly

100.5320, -19.9823, 62.6774

Monochromacy



Original Color

98.9160, -32.4966, 63.2177

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.7550, -11.7112, 23.0169

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.9160, -32.4966, 63.2177 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, 75, 33)` looks like.

```
.text, #text, p{  
    color:rgb(171, 75, 33)  
}
```

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, 75, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 75, 33) }
```

Border

The CSS property to change the border of an element to YUV 98.9160, -32.4966, 63.2177 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, 75, 33) }
```


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

```
.border{ border-color:rgb(171, 75, 33) }
```

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

Here you see how a box with a 4 pixel rgb(171, 75, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 75, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 75, 33);  
box-shadow:4px 4px 4px 4px rgb(171, 75,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 98.9160, -32.4966, 63.2177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 75, 33) }
```

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

```
.background{ background-color: rgb(171, 75,  
33) }
```

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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