

Converting Colors

YUV(92.0200, -33.5339,
69.2655)

Have a look what the booklet for
YUV(92.0200, -33.5339, 69.2655)
contains.

YUV(92.0200, -33.5339, 69.2655)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(92.0200, -33.5339,
69.2655)**

Conversions

Conversions Part 1

Format	Color
Hex	AB4118
RGB	171, 65, 24
RGB Percent	67%, 25%, 9%
CMY	0.3294, 0.7451, 0.9059
CMYK	0.00, 0.62, 0.86, 0.33
HSL	17°, 75%, 38%
HSV	17°, 86%, 67%
XYZ	18.8498, 12.5045, 2.2843
YIQ	92.0200, 76.3370, 9.7210

Conversions

Conversions Part 2

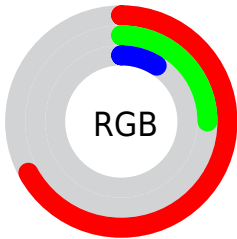
Format	Color
RYB	171, 81, 24
Decimal	11223320
CIELab	42.01, 41.55, 44.85
CIElCh	42, 61.141, 47.188
Yxy	12.5045, 0.5604, 0.3717
Android (android.graphics.Color)	4289413400 (0xFFAB4118)
YUV	92.0200, -33.5339, 69.2655
Hunter-Lab	35.3617, 33.2676, 20.9232

Details

The YUV color **92.0200, -33.5339, 69.2655** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **102.9800, 33.5339, -69.2655**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5540, -36.7551, 75.8131**, and **37.2980, -18.3879, 64.6367** is the 20% darker color. If you saturate the color by 10%, you get **83.0380, -37.4867, 77.1427**, and if you desaturate by 10%, it is **101.0020, -29.5810, 61.3882**.

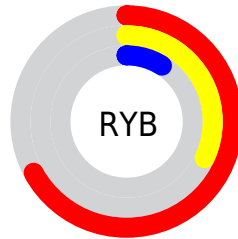
Distribution



 Red (67%)

 Green (25%)

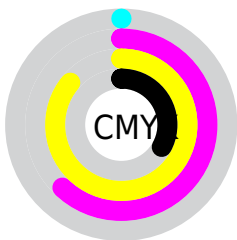
 Blue (9%)



 Red (67%)

 Yellow (32%)

 Blue (9%)

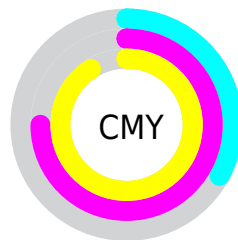



 Cyan (0%)

 Magenta (62%)

 Yellow (86%)

 Black (33%)



 Cyan (33%)


 Magenta (75%)


 Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 92.0200, -33.5339, 69.2655 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 92.0200, -33.5339, 69.2655 by changing the saturation by 10% instead.


 92.0200, -33.5339,
69.2655


 92.0200, -33.5339,
69.2655


255.0000, 0.0000,
0.0000


 65.0520, -32.0706,
66.6064


 146.5540,
-36.7551, 75.8131


 37.2980, -18.3879,
64.6367


 171.1300,
-37.0391, 73.5540

 24.5180, -12.0874,
50.4117

 190.5300,
-33.7853, 56.5402

 16.5590, -7.6706,
33.7128

 209.9300,
-30.5315, 39.5264

 5.0830, -2.5059,
10.4512

 229.4440,
-26.8409, 22.4126

 0.0000, 0.0000,
0.0000

 249.0720,

-22.7135, 5.1989

252.2640,
-10.4832, 2.3995

92.0200, -33.5339,
69.2655

92.0200, -33.5339,
69.2655

83.0380, -37.4867,
77.1427

101.0020,
-29.5810, 61.3882

79.3050, -39.0974,
80.4165

110.5710,
-25.9175, 52.9962

119.5530,
-21.9646, 45.1190

128.5350,
-18.0118, 37.2418

138.1040,
-14.3483, 28.8498

■ 147.2000, -9.9586,
20.8726

■ 156.1820, -6.0057,
12.9954

■ 165.7510, -2.3422,
4.6034

■ 174.7330, 1.6106,
-3.2738

Harmonies

Analogous

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



87.4160, -7.1071, 86.4582



92.0200, -33.5339, 69.2655



93.5050, -46.0980, 39.0221

Triad

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



92.0200, -33.5339, 69.2655



78.9900, -1.9671, -69.2742



87.0790, 53.6981, -50.0583

Complementary

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



92.0200, -33.5339, 69.2655



102.9800, 33.5339, -69.2655

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.



87.7290, 54.3636, -76.9383



92.0200, -33.5339, 69.2655



85.6190, 20.8938, -75.0879

Square

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



92.0200, -33.5339, 69.2655



75.7650, -27.4921, -48.9059



89.5750, 41.1285, -78.5573



100.9060, 33.0773, 30.7774

Rectangle

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



92.0200, -33.5339, 69.2655



92.1770, -45.4433, 15.6308



89.5750, 41.1285, -78.5573



82.6740, 57.8417, -72.5051

Sweetspot

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



92.0200, -33.5339, 69.2655



190.7340, -13.1799, 27.4203



80.2650, 25.5054, 79.5746



93.3350, -8.0532, 16.3692



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.



92.0200, -33.5339, 69.2655



102.7720, -50.6666, 104.5630



134.2840, -54.3700, 32.1999



81.8650, -1.9054, 4.5034



69.5040, -34.2655, 70.5950



10.3990, -5.1267, 11.0511

Inverse Universe

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



102.9800, 33.5339, -69.2655



119.2280, 50.6666, -104.5630



60.7160, 54.3700, -32.1999



82.5480, 2.1948, -3.9886



80.4960, 34.2655, -70.5950



12.6010, 5.1267, -11.0511

Previews

White Background



This preview shows how the YUV color 92.0200, -33.5339, 69.2655 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 92.0200, -33.5339, 69.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

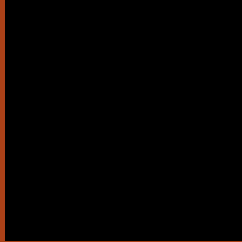
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.0200, -33.5339, 69.2655

Background



This preview shows how black text looks on a background with the YUV color 92.0200, -33.5339, 69.2655.



This preview shows how white text looks on a background with the YUV color 92.0200, -33.5339,

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

92.0200, -33.5339, 69.2655

Protanopia

95.9500, -31.0343, 14.0759

Deuteranopia

93.4390, -46.0654, 28.5560



Tritanopia

94.6450, -14.6150, 67.8403

Trichromacy



Original Color

92.0200, -33.5339, 69.2655

Protanomaly

94.2560, -31.6782, 33.9785

Deuteranomaly

92.7920, -41.3095, 43.1554

Tritanomaly

93.5220, -21.4563, 68.8252

Monochromacy



Original Color

92.0200, -33.5339, 69.2655

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.9510, -12.3008, 25.4760

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.0200, -33.5339, 69.2655 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, 65, 24)` looks like.

```
.text, #text, p{  
    color:rgb(171, 65, 24)  
}
```

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, 65, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 65, 24) }
```

Border

The CSS property to change the border of an element to YUV 92.0200, -33.5339, 69.2655 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, 65, 24) }
```


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

```
.border{ border-color:rgb(171, 65, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 65, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 65, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 65, 24);  
box-shadow:4px 4px 4px 4px rgb(171, 65,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 92.0200, -33.5339, 69.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 65, 24) }
```

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

```
.background{ background-color: rgb(171, 65,  
24) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor