

Converting Colors

YUV(92.4590, -29.3133,
68.8805)

Have a look what the booklet for
YUV(92.4590, -29.3133, 68.8805)
contains.

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Color

**YUV(92.4590, -29.3133,
68.8805)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AB4021 |
| RGB | 171, 64, 33 |
| RGB Percent | 67%, 25%, 13% |
| CMY | 0.3294, 0.7490, 0.8706 |
| CMYK | 0.00, 0.63, 0.81, 0.33 |
| HSL | 13°, 68%, 40% |
| HSV | 13°, 81%, 67% |
| XYZ | 18.9025, 12.4345, 2.8427 |
| YIQ | 92.4590, 73.7230, 13.0430 |

Conversions

Conversions Part 2

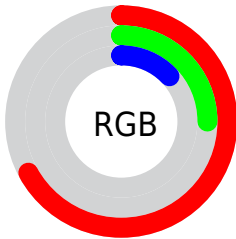
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 171, 73, 33 |
| Decimal | 11223073 |
| CIE Lab | 41.90, 42.29, 40.49 |
| CIE LCh | 42, 58.550, 43.757 |
| Yxy | 12.4345, 0.5530, 0.3638 |
| Android (android.graphics.Color) | 4289413153 (0xFFAB4021) |
| YUV | 92.4590, -29.3133, 68.8805 |
| Hunter-Lab | 35.2626, 33.9752, 19.9042 |

Details

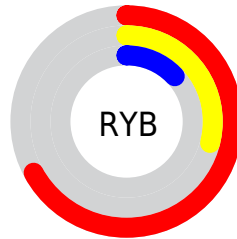
The YUV color **92.4590, -29.3133, 68.8805** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **111.5410, 29.3133, -68.8805**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5800, -32.8239, 74.9133**, and **35.8360, -17.6671, 66.7958** is the 20% darker color. If you saturate the color by 10%, you get **82.8900, -32.9768, 77.2725**, and if you desaturate by 10%, it is **102.0280, -25.6498, 60.4884**.

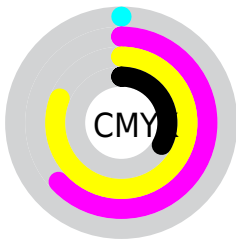
Distribution



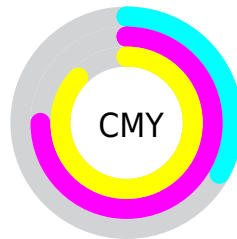
- Red (67%)
- Green (25%)
- Blue (13%)



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



- Cyan (0%)
- Magenta (63%)
- Yellow (81%)
- Black (33%)





- Cyan (33%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 92.4590, -29.3133, 68.8805 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 92.4590, -29.3133, 68.8805 by changing the saturation by 10% instead.


 92.4590, -29.3133,
68.8805


 92.4590, -29.3133,
68.8805


255.0000, 0.0000,
0.0000


 65.6050, -27.4133,
66.1214


 146.5800,
-32.8239, 74.9133


 35.8360, -17.6671,
66.7958


 172.1560,
-33.1079, 72.6542


 24.5180, -12.0874,
50.4117

 190.8550,
-30.0015, 56.2552

 16.5590, -7.6706,
33.7128

 210.2550,
-26.7477, 39.2414

 5.3820, -2.6533,
11.0660

 230.4700,
-22.9097, 21.5128

 0.0000, 0.0000,
0.0000

 249.9840,

-19.2191, 4.3990

253.2900, -6.5520,
1.4997

92.4590, -29.3133,
68.8805

92.4590, -29.3133,
68.8805

82.8900, -32.9768,
77.2725

102.0280,
-25.6498, 60.4884

73.4350, -36.2035,
85.5645

112.1840,
-22.2757, 51.5816

121.7530,
-18.6122, 43.1896

131.3220,
-14.9487, 34.7976

141.0050,
-10.8485, 26.3056

■ 151.1610, -7.4744,
17.3988

■ 160.7300, -3.8109,
9.0068

■ 170.2990, -0.1474,
0.6148

■ 179.8680, 3.5161,
-7.7772

Harmonies

Analogous

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



89.5510, -5.2016, 81.9548



92.4590, -29.3133, 68.8805



93.2280, -45.9614, 41.8960

Triad

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



92.4590, -29.3133, 68.8805



77.8330, -3.8617, -68.2595



78.9410, 56.2311, -69.2313

Complementary

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



92.4590, -29.3133, 68.8805



111.5410, 29.3133, -68.8805

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.



87.6320, 51.4534, -76.8533



92.4590, -29.3133, 68.8805



84.1200, 17.6888, -73.7732

Square

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



92.4590, -29.3133, 68.8805



80.9300, -31.0245, -35.8956



88.6630, 37.6341, -77.7575



101.5630, 33.2464, 23.1852

Rectangle

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



92.4590, -29.3133, 68.8805



92.1990, -45.4541, 19.1195



88.6630, 37.6341, -77.7575



82.8050, 55.8051, -72.6200

Sweetspot

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



92.4590, -29.3133, 68.8805



191.8910, -11.2853, 26.4056



86.5740, 26.8320, 74.0416



93.6770, -6.7428, 16.0693



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.



92.4590, -29.3133, 68.8805



99.4610, -45.5833, 107.4667



132.3750, -48.9919, 33.8741



81.8650, -1.9054, 4.5034



64.8080, -31.9503, 74.7134



9.8120, -4.8373, 11.5659

Inverse Universe

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



111.5410, 29.3133, -68.8805



129.5390, 45.5833, -107.4667



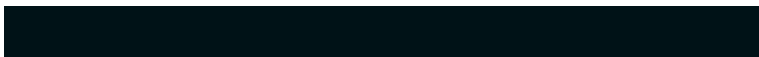
71.6250, 48.9919, -33.8741



83.1350, 1.9054, -4.5034



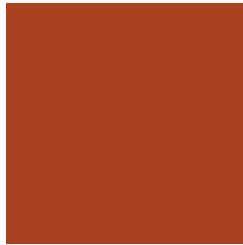
85.7790, 31.6610, -75.2282



13.1880, 4.8373, -11.5659

Previews

White Background



This preview shows how the YUV color 92.4590, -29.3133, 68.8805 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 92.4590, -29.3133, 68.8805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

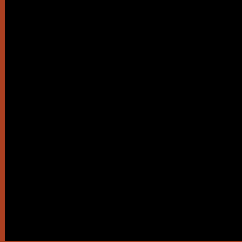
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.4590, -29.3133, 68.8805

Background



This preview shows how black text looks on a background with the YUV color 92.4590, -29.3133, 68.8805.



This preview shows how white text looks on a background with the YUV color 92.4590, -29.3133,

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

92.4590, -29.3133, 68.8805

Protanopia

96.7910, -26.5190, 12.4613

Deuteranopia

95.7620, -35.8717, 25.6417



Tritanopia

94.5310, -15.0518, 67.9403

Trichromacy



Original Color

92.4590, -29.3133, 68.8805

Protanomaly

95.2820, -27.7470, 33.0787

Deuteranomaly

94.8440, -33.4471, 41.3558

Tritanomaly

93.8640, -20.1460, 68.5253

Monochromacy



Original Color

92.4590, -29.3133, 68.8805

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.4070, -10.5537, 25.0761

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.4590, -29.3133, 68.8805 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, 64, 33)` looks like.

```
.text, #text, p{  
    color:rgb(171, 64, 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, 64, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 64, 33) }
```

Border

The CSS property to change the border of an element to YUV 92.4590, -29.3133, 68.8805 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, 64, 33) }
```


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

```
.border{ border-color:rgb(171, 64, 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, 64, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 64, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 64, 33);  
box-shadow:4px 4px 4px 4px rgb(171, 64,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 92.4590, -29.3133, 68.8805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 64, 33) }
```

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

```
.background{ background-color: rgb(171, 64,  
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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