

Converting Colors

YUV(88.8090, -16.6678,
72.9585)

Have a look what the booklet for
YUV(88.8090, -16.6678, 72.9585)
contains.

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Color

**YUV(88.8090, -16.6678,
72.9585)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AC3537 |
| RGB | 172, 53, 55 |
| RGB Percent | 67%, 21%, 22% |
| CMY | 0.3255, 0.7922, 0.7843 |
| CMYK | 0.00, 0.69, 0.68, 0.33 |
| HSL | 359°, 53%, 44% |
| HSV | 359°, 69%, 67% |
| XYZ | 18.9759, 11.5927, 4.8519 |
| YIQ | 88.8090, 70.2820, 25.8500 |

Conversions

Conversions Part 2

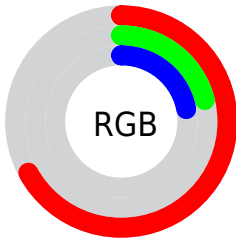
| Format | Color |
|-------------------------------------|-------------------------------|
| R_YB | 172, 53, 55 |
| Decimal | 11285815 |
| CIE Lab | 40.56, 48.43, 26.61 |
| CIE LCh | 41, 55.262, 28.790 |
| Yxy | 11.5927, 0.5357, 0.3273 |
| Android (android.graphics.Color) | 4289475895 (0xFFAC3537) |
| YUV | 88.8090, -16.6678, 72.9585 |
| Hunter-Lab | 34.0481, 39.8991, 15.3847 |

Details

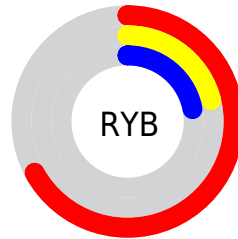
The YUV color **88.8090, -16.6678, 72.9585** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **136.1910, 16.6678, -72.9585**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.1040, -20.7573, 77.9618**, and **35.1550, -11.4154, 68.2701** is the 20% darker color. If you saturate the color by 10%, you get **76.8920, -19.1738, 83.4097**, and if you desaturate by 10%, it is **100.7260, -14.1619, 62.5073**.

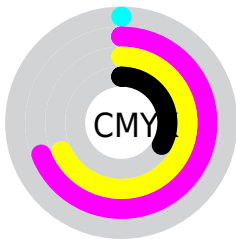
Distribution



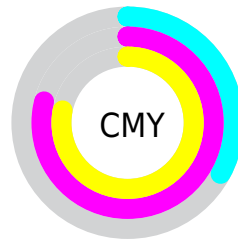
- Red (67%)
- Green (21%)
- Blue (22%)



- Red (67%)
- Yellow (21%)
- Blue (22%)



- Cyan (0%)
- Magenta (69%)
- Yellow (68%)
- Black (33%)





- Cyan (33%)
- Magenta (79%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.8090, -16.6678, 72.9585 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 88.8090, -16.6678, 72.9585 by changing the saturation by 10% instead.


 88.8090, -16.6678,
72.9585


 88.8090, -16.6678,
72.9585


255.0000, 0.0000,
0.0000


 59.1340, -12.8841,
72.6735


 144.1040,
-20.7573, 77.9618

 35.1550, -11.4154,
68.2701


 169.3810,
-20.8938, 75.0879

 25.1160, -12.3822,
51.6413

 188.1940,
-17.3506, 58.5889

 17.2710, -7.5286,
34.8423

 207.7080,
-13.6600, 41.4751

 5.3820, -2.6533,
11.0660

 227.8090,
-10.2588, 23.8465

 0.0000, 0.0000,
0.0000

 248.1380, -5.9840,

6.0180

■ 88.8090, -16.6678,
72.9585

■ 88.8090, -16.6678,
72.9585

■ 76.8920, -19.1738,
83.4097

■ 100.7260,
-14.1619, 62.5073

■ 64.9750, -21.6797,
93.8609

■ 112.6430,
-11.6560, 52.0561

■ 52.4710, -23.8962,
104.8269

■ 125.1470, -9.4395,
41.0901

■ 51.7700, -24.0436,
105.4417

■ 137.0640, -6.9336,
30.6389

■ 148.9810, -4.4276,
20.1877

■ 160.7840, -2.3585,
9.8364

■ 172.7010, 0.1474,
-0.6148

■ 185.2050, 2.3639,
-11.5808

■ 197.1220, 4.8699,
-22.0320

Harmonies

Analogous

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



89.4280, 4.7190, 73.2926



88.8090, -16.6678, 72.9585



89.7270, -39.3054, 53.7364

Triad

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



88.8090, -16.6678, 72.9585



70.8740, -12.7559, -62.1565



81.1920, 52.1633, -71.2054

Complementary

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



88.8090, -16.6678, 72.9585



136.1910, 16.6678, -72.9585

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.



85.4660, 43.1543, -74.9537



88.8090, -16.6678, 72.9585



78.5800, 6.6161, -68.9147

Square

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



88.8090, -16.6678, 72.9585



83.4620, -41.1468, -9.1752



83.8240, 26.7088, -73.5136



95.6840, 39.5958, -6.7389

Rectangle

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



88.8090, -16.6678, 72.9585



89.9390, -44.3399, 35.1335



83.8240, 26.7088, -73.5136



83.3120, 50.1322, -73.0646

Sweetspot

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



88.8090, -16.6678, 72.9585



191.1670, -6.4913, 28.7945



100.9510, 35.0272, 58.8020



92.4860, -3.6906, 17.1138



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.



88.8090, -16.6678, 72.9585



93.9560, -26.1073, 114.0486



121.4530, -33.7473, 44.3297



80.6910, -1.3267, 5.5330



45.1920, -20.8007, 91.9166



6.8770, -3.3904, 14.1399

Inverse Universe

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



88.8090, -16.6678, 72.9585



93.9560, -26.1073, 114.0486



103.5470, 33.7473, -44.3297



80.6910, -1.3267, 5.5330



45.1920, -20.8007, 91.9166



6.8770, -3.3904, 14.1399

Previews

White Background



This preview shows how the YUV color 88.8090, -16.6678, 72.9585 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 88.8090, -16.6678, 72.9585 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 88.8090, -16.6678, 72.9585

Background



This preview shows how black text looks on a background with the YUV color 88.8090, -16.6678, 72.9585.

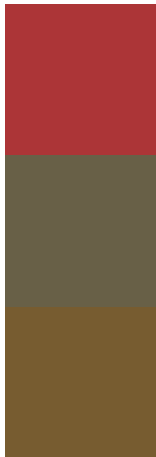


This preview shows how white text looks on a background with the YUV color 88.8090, -16.6678,

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

88.8090, -16.6678, 72.9585

Protanopia

95.5420, -12.0992, 7.4177

Deuteranopia

95.0570, -23.1991, 20.9980



Tritanopia

88.9230, -16.2310, 72.8585

Trichromacy



Original Color

88.8090, -16.6678, 72.9585

Protanomaly

92.9410, -13.7749, 31.6237

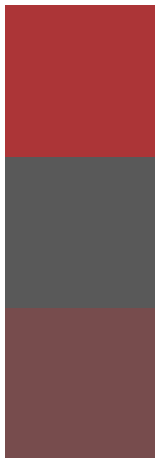
Deuteranomaly

92.8620, -20.6380, 39.5860

Tritanomaly

88.9230, -16.2310, 72.8585

Monochromacy



Original Color

88.8090, -16.6678, 72.9585

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9710, -5.9017, 26.3354

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.8090, -16.6678, 72.9585 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(172, 53, 55)` looks like.

```
.text, #text, p{  
    color:rgb(172, 53, 55)  
}
```

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(172, 53, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 53, 55) }
```

Border

The CSS property to change the border of an element to YUV 88.8090, -16.6678, 72.9585 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(172, 53, 55) }
```


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

```
.border{ border-color:rgb(172, 53, 55) }
```

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

Here you see how a box with a 4 pixel rgb(172, 53, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 53, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 53, 55);  
box-shadow:4px 4px 4px 4px rgb(172, 53,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 88.8090, -16.6678, 72.9585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 53, 55) }
```

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

```
.background{ background-color: rgb(172, 53,  
55) }
```

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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