

Converting Colors

YUV(88.3500, -27.2875,
72.4841)

Have a look what the booklet for
YUV(88.3500, -27.2875, 72.4841)
contains.

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Color

**YUV(88.3500, -27.2875,
72.4841)**

Conversions

Conversions Part 1

Format	Color
Hex	AB3921
RGB	171, 57, 33
RGB Percent	67%, 22%, 13%
CMY	0.3294, 0.7765, 0.8706
CMYK	0.00, 0.67, 0.81, 0.33
HSL	10°, 68%, 40%
HSV	10°, 81%, 67%
XYZ	18.5322, 11.6940, 2.7193
YIQ	88.3500, 75.6480, 16.7040

Conversions

Conversions Part 2

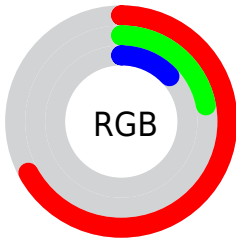
Format	Color
R_{YB}	171, 62, 33
Decimal	11221281
CIE Lab	40.73, 45.43, 39.34
CIE LCh	41, 60.096, 40.894
Yxy	11.6940, 0.5625, 0.3549
Android (android.graphics.Color)	4289411361 (0xFFAB3921)
YUV	88.3500, -27.2875, 72.4841
Hunter-Lab	34.1965, 36.8914, 19.2229

Details

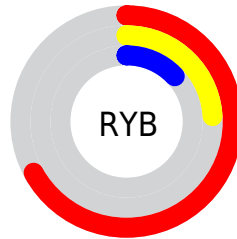
The YUV color **88.3500, -27.2875, 72.4841** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **115.6500, 27.2875, -72.4841**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.2430, -31.6718, 78.7169**, and **33.1890, -16.3622, 68.2402** is the 20% darker color. If you saturate the color by 10%, you get **78.1940, -30.6616, 81.3909**, and if you desaturate by 10%, it is **98.5060, -23.9135, 63.5772**.

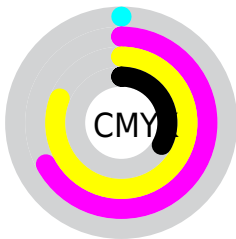
Distribution



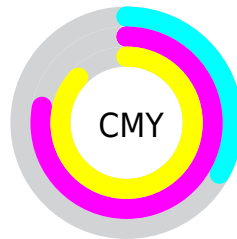
- Red (67%)
- Green (22%)
- Blue (13%)



- Red (67%)
- Yellow (24%)
- Blue (13%)



- Cyan (0%)
- Magenta (67%)
- Yellow (81%)
- Black (33%)



- Cyan (33%)
- Magenta (78%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.3500, -27.2875, 72.4841 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 88.3500, -27.2875, 72.4841 by changing the saturation by 10% instead.

■ 88.3500, -27.2875,
72.4841

■ 88.3500, -27.2875,
72.4841

255.0000, 0.0000,
0.0000

■ 60.3220, -24.8087,
70.7546

■ 143.2430,
-31.6718, 78.7169

■ 33.1890, -16.3622,
68.2402

■ 168.5200,
-31.8084, 75.8430

■ 24.2190, -11.9400,
49.7969

■ 187.2190,
-28.7020, 59.4439

■ 16.6730, -7.2338,
33.6128

■ 206.7330,
-25.0114, 42.3302

■ 4.1860, -2.0637,
8.6069

■ 226.2470,
-21.3208, 25.2164

■ 0.0000, 0.0000,
0.0000

■ 247.0490,

-17.7722, 6.9730

■ 253.1760, -6.9888,
1.5996

■ 88.3500, -27.2875,
72.4841

■ 88.3500, -27.2875,
72.4841

■ 78.1940, -30.6616,
81.3909

■ 98.5060, -23.9135,
63.5772

■ 68.7390, -33.8883,
89.6829

■ 108.6620,
-20.5394, 54.6704

■ 118.8180,
-17.1653, 45.7636

■ 129.5610,
-14.0806, 36.3420

■ 139.8310,
-10.2697, 27.3352

■ 149.9870, -6.8956,
18.4284

■ 160.1430, -3.5215,
9.5216

■ 170.2990, -0.1474,
0.6148

■ 180.4550, 3.2267,
-8.2920

Harmonies

Analogous

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



84.0830, -2.0129, 85.8732



88.3500, -27.2875, 72.4841



90.5920, -44.6619, 45.0848

Triad

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



88.3500, -27.2875, 72.4841



75.1600, -6.4879, -65.9153



78.4680, 56.9573, -68.8164

Complementary

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



88.3500, -27.2875, 72.4841



115.6500, 27.2875, -72.4841

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.



86.2300, 51.1586, -75.6237



88.3500, -27.2875, 72.4841



82.1480, 15.2100, -72.0438

Square

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



88.3500, -27.2875, 72.4841



77.3560, -37.1505, -31.0072



86.3320, 36.3183, -75.7132



97.9260, 36.0255, 18.4819

Rectangle

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



88.3500, -27.2875, 72.4841



90.1500, -44.4439, 21.7935



86.3320, 36.3183, -75.7132



82.1040, 55.6577, -72.0052

Sweetspot

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



88.3500, -27.2875, 72.4841



190.1300, -10.4171, 27.9500



87.3720, 29.8896, 73.3418



92.5030, -6.1640, 17.0989



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.



88.3500, -27.2875, 72.4841



93.0040, -42.4000, 113.1295



128.2660, -46.9661, 37.4777



81.8650, -1.9054, 4.5034



60.1120, -29.6352, 78.8318



9.2250, -4.5479, 12.0807

Inverse Universe

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



115.6500, 27.2875, -72.4841



135.4090, 42.6894, -112.6147



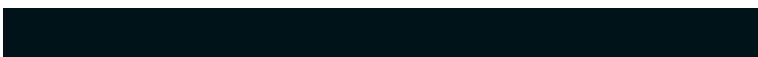
75.7340, 46.9661, -37.4777



83.1350, 1.9054, -4.5034



89.8880, 29.6352, -78.8318



13.7750, 4.5479, -12.0807

Previews

White Background



This preview shows how the YUV color 88.3500, -27.2875, 72.4841 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 88.3500, -27.2875, 72.4841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

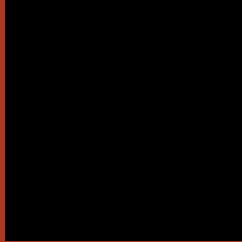
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.3500, -27.2875, 72.4841

Background



This preview shows how black text looks on a background with the YUV color 88.3500, -27.2875, 72.4841.



This preview shows how white text looks on a background with the YUV color 88.3500, -27.2875,

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

88.3500, -27.2875, 72.4841

Protanopia

94.2470, -24.7718, 12.0614

Deuteranopia

92.9900, -34.9981, 25.4418



Tritanopia

89.6240, -16.0836, 72.2438

Trichromacy



Original Color

88.3500, -27.2875, 72.4841

Protanomaly

91.8630, -25.5685, 34.3231

Deuteranomaly

91.1970, -32.1421, 42.8002

Tritanomaly

89.1850, -20.3042, 72.6288

Monochromacy



Original Color

88.3500, -27.2875, 72.4841

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2330, -9.9749, 26.1057

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.3500, -27.2875, 72.4841 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, 57, 33)` looks like.

```
.text, #text, p{  
    color:rgb(171, 57, 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, 57, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 57, 33) }
```

Border

The CSS property to change the border of an element to YUV 88.3500, -27.2875, 72.4841 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, 57, 33) }
```


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

```
.border{ border-color:rgb(171, 57, 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, 57, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 57, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 57, 33);  
box-shadow:4px 4px 4px 4px rgb(171, 57,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 88.3500, -27.2875, 72.4841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 57, 33) }
```

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

```
.background{ background-color: rgb(171, 57,  
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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