

Converting Colors

YUV(132.0270, -51.2853,
22.7783)

Have a look what the booklet for
YUV(132.0270, -51.2853, 22.7783)
contains.

YUV(132.0270, -51.2853, 22.7783)	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(132.0270, -51.2853,
22.7783)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8B1C
RGB	158, 139, 28
RGB Percent	62%, 55%, 11%
CMY	0.3804, 0.4549, 0.8902
CMYK	0.00, 0.12, 0.82, 0.38
HSL	51°, 70%, 36%
HSV	51°, 82%, 62%
XYZ	23.5428, 25.8182, 4.8412
YIQ	132.0270, 46.9550, -30.4930

Conversions

Conversions Part 2

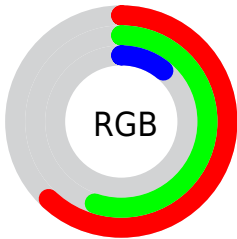
Format	Color
RYB	50, 158, 28
Decimal	10390300
CIELab	57.86, -4.37, 56.50
CIELCh	58, 56.667, 94.423
Yxy	25.8182, 0.4344, 0.4763
Android (android.graphics.Color)	4288580380 (0xFF9E8B1C)
YUV	132.0270, -51.2853, 22.7783
Hunter-Lab	50.8116, -6.2151, 29.9191

Details

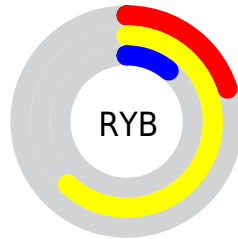
The YUV color **132.0270, -51.2853, 22.7783** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **53.9730, 51.2853, -22.7783**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.7500, -51.1487, 25.6522**, and **83.0400, -40.9387, 17.5049** is the 20% darker color. If you saturate the color by 10%, you get **129.0290, -57.6953, 25.4076**, and if you desaturate by 10%, it is **135.0250, -44.8753, 20.1491**.

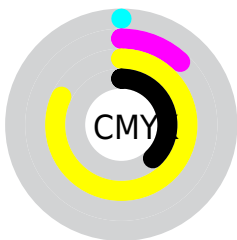
Distribution



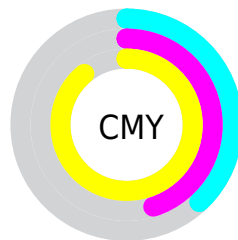
- Red (62%)
- Green (55%)
- Blue (11%)



- Red (20%)
- Yellow (62%)
- Blue (11%)



- Cyan (0%)
- Magenta (12%)
- Yellow (82%)
- Black (38%)



- Cyan (38%)
- Magenta (45%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.0270, -51.2853, 22.7783 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 132.0270, -51.2853, 22.7783 by changing the saturation by 10% instead.

■ 132.0270,
-51.2853, 22.7783

■ 132.0270,
-51.2853, 22.7783

■ 255.0000, 0.0000,
0.0000

■ 105.7880,
-52.1535, 21.2339

■ 186.7500,
-51.1487, 25.6522

■ 83.0400, -40.9387,
17.5049

■ 215.2340,
-51.8804, 26.9818

■ 61.4660, -30.3027,
12.7463

■ 237.4390,
-49.5164, 15.4010

■ 41.3650, -20.3929,
7.5729

■ 244.6260,
-39.7486, 9.0980

■ 21.5630, -10.6306,
3.0142

■ 247.8180,
-27.5183, 6.2986

■ 0.0000, 0.0000,
0.0000

■ 251.1240,

-14.8511, 3.3993

254.4300, -2.1840,
0.4999

■ 132.0270,
-51.2853, 22.7783

■ 132.0270,
-51.2853, 22.7783

■ 129.0290,
-57.6953, 25.4076

■ 135.0250,
-44.8753, 20.1491

■ 126.4870,
-62.3581, 27.6369

■ 138.6100,
-38.7547, 17.0050

■ 141.4940,
-32.7815, 14.4758

■ 144.4920,
-26.3716, 11.8465

■ 148.0770,
-20.2510, 8.7025

■ 151.0750,
-13.8410, 6.0732

■ 154.0730, -7.4310,
3.4440

■ 156.9570, -1.4578,
0.9147

■ 160.5420, 4.6628,
-2.2293

Harmonies

Analogous

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



135.5870, -43.6734, 54.7362



132.0270, -51.2853, 22.7783



127.0310, -37.4833, -17.5672

Triad

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



132.0270, -51.2853, 22.7783



117.2100, 37.8575, -102.7932



142.0310, 20.1977, 55.2238

Complementary

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



132.0270, -51.2853, 22.7783



53.9730, 51.2853, -22.7783

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.



142.2450, 38.8262, 6.8011



132.0270, -51.2853, 22.7783



116.9770, 54.7343, -102.5888

Square

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



132.0270, -51.2853, 22.7783



112.2110, 16.1650, -98.4090



117.9610, 59.1792, -81.5268



137.4520, -1.7018, 79.4106

Rectangle

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



132.0270, -51.2853, 22.7783



119.2790, -20.3505, -52.8647



117.9610, 59.1792, -81.5268



142.6640, 26.7876, 41.5137

Sweetspot

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



132.0270, -51.2853, 22.7783



196.3760, -20.3984, 9.3172



69.1500, -10.4269, 77.9215



98.4170, -12.5306, 5.7733



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



132.0270, -51.2853, 22.7783



166.0200, -80.8619, 35.9395



129.7250, -50.1504, -14.6678



77.5010, -3.2050, 1.3146



114.3710, -56.3849, 25.1076



12.1160, -5.9732, 2.5293

Inverse Universe

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



53.9730, 51.2853, -22.7783



42.9800, 80.8619, -35.9395



56.2750, 50.1504, 14.6678



72.4990, 3.2050, -1.3146



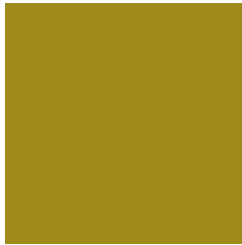
28.6290, 56.3849, -25.1076



2.8840, 5.9732, -2.5293

Previews

White Background



This preview shows how the YUV color 132.0270, -51.2853, 22.7783 looks on a white 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

Black Background



This preview shows how the YUV color 132.0270, -51.2853, 22.7783 looks on a black 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

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

YUV 132.0270, -51.2853, 22.7783

Background



This preview shows how black text looks on a background with the YUV color 132.0270, -51.2853, 22.7783.



This preview shows how white text looks on a background with the YUV color 132.0270, -51.2853, 22.7783.

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

132.0270, -51.2853, 22.7783

Protanopia

132.3150, -51.4273, 21.6487

Deuteranopia

133.4570, -50.0183, 36.4332



Tritanopia

141.2030, -1.0861, 21.7470

Trichromacy



Original Color

132.0270, -51.2853, 22.7783

Protanomaly

132.3150, -51.4273, 21.6487

Deuteranomaly

133.3100, -50.4388, 31.3001

Tritanomaly

138.0940, -19.2733, 21.8426

Monochromacy



Original Color

132.0270, -51.2853, 22.7783

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.1200, -18.7932, 7.7878

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.0270, -51.2853, 22.7783 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(158, 139, 28)` looks like.

```
.text, #text, p{  
    color:rgb(158, 139, 28)  
}
```

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(158, 139, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 139, 28) }
```

Border

The CSS property to change the border of an element to YUV 132.0270, -51.2853, 22.7783 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(158, 139, 28) }
```


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

```
.border{ border-color:rgb(158, 139, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 139, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 139, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 139, 28);  
box-shadow:4px 4px 4px 4px rgb(158, 139,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 132.0270, -51.2853, 22.7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 139, 28) }
```

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

```
.background{ background-color: rgb(158,  
139, 28) }
```

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