

Converting Colors

YUV(132.3930, -19.9137,
-52.9647)

Have a look what the booklet for
YUV(132.3930, -19.9137, -52.9647)
contains.

YUV(132.3930, -19.9137, -52.9647)	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(132.3930, -19.9137,
-52.9647)**

Conversions

Conversions Part 1

Format	Color
Hex	48AB5C
RGB	72, 171, 92
RGB Percent	28%, 67%, 36%
CMY	0.7176, 0.3294, 0.6392
CMYK	0.58, 0.00, 0.46, 0.33
HSL	132°, 41%, 48%
HSV	132°, 58%, 67%
XYZ	19.1672, 31.2762, 15.1519
YIQ	132.3930, -33.6450, -45.5570

Conversions

Conversions Part 2

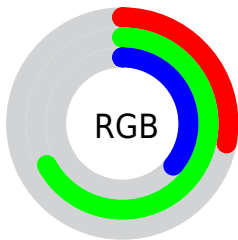
Format	Color
RYB	72, 154, 171
Decimal	4762460
CIELab	62.74, -46.19, 32.12
CIELCh	63, 56.258, 145.187
Yxy	31.2762, 0.2922, 0.4768
Android (android.graphics.Color)	4282952540 (0xFF48AB5C)
YUV	132.3930, -19.9137, -52.9647
Hunter-Lab	55.9252, -36.6920, 23.0841

Details

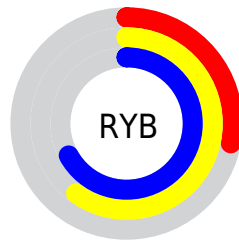
The YUV color **132.3930, -19.9137, -52.9647** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **110.6070, 19.9137, 52.9647**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.1220, -22.2451, -51.8500**, and **74.2820, -14.9290, -65.1453** is the 20% darker color. If you saturate the color by 10%, you get **125.7140, -23.5230, -62.0162**, and if you desaturate by 10%, it is **139.0720, -16.3045, -43.9131**.

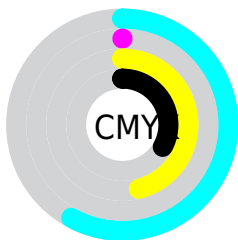
Distribution



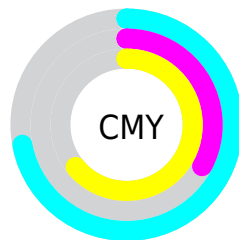
- Red (28%)
- Green (67%)
- Blue (36%)



- Red (28%)
- Yellow (60%)
- Blue (67%)



- Cyan (58%)
- Magenta (0%)
- Yellow (46%)
- Black (33%)



- Cyan (72%)
- Magenta (33%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.3930, -19.9137, -52.9647 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 132.3930, -19.9137, -52.9647 by changing the saturation by 10% instead.

■ 132.3930,
-19.9137, -52.9647

■ 132.3930,
-19.9137, -52.9647

■ 255.0000, 0.0000,
0.0000

■ 104.4250,
-18.4505, -55.6237

■ 188.1220,
-22.2451, -51.8500

■ 74.2820, -14.9290,
-65.1453

■ 216.0080,
-22.6819, -51.7500

■ 56.2840, -17.8880,
-49.3611

■ 227.8710,
-14.7264, -36.7209

■ 39.9160, -19.6786,
-35.0063

■ 239.7340, -6.7709,
-21.6917

■ 26.4150, -13.0226,
-23.1660

■ 251.7110, 1.6215,
-6.7625

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,

0.0000

■ 132.3930,
-19.9137, -52.9647

■ 132.3930,
-19.9137, -52.9647

■ 125.7140,
-23.5230, -62.0162

■ 139.0720,
-16.3045, -43.9131

■ 119.1490,
-26.6955, -71.1677

■ 145.6370,
-13.1320, -34.7616

■ 112.4700,
-30.3047, -80.2192

■ 152.3160, -9.5228,
-25.7101

■ 105.7910,
-33.9140, -89.2707

■ 158.9950, -5.9135,
-16.6586

■ 104.3670,
-34.1979, -91.5299

■ 165.5600, -2.7411,
-7.5071

■ 172.5380, 0.7208,
2.1592

■ 179.2170, 4.3300,
11.2107

■ 185.7820, 7.5025,
20.3622

■ 192.4610, 11.1117,
29.4137

Harmonies

Analogous

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



142.2130, -43.4890, -4.5718



132.3930, -19.9137, -52.9647



119.5000, 11.0925, -104.8015

Triad

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



132.3930, -19.9137, -52.9647



122.5340, 63.3337, -107.4623



149.6960, -18.5841, 80.9506

Complementary

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



132.3930, -19.9137, -52.9647



110.6070, 19.9137, 52.9647

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.



152.4390, 4.7136, 75.0370



132.3930, -19.9137, -52.9647



152.6170, 44.5588, -11.9421

Square

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



132.3930, -19.9137, -52.9647



126.9390, 52.2881, -111.3255



156.2620, 26.4928, 42.7432



148.9070, -38.9012, 64.1026

Rectangle

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



132.3930, -19.9137, -52.9647



123.3760, 25.9436, -108.2008



156.2620, 26.4928, 42.7432



150.3570, -11.0220, 82.1249

Sweetspot

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



132.3930, -19.9137, -52.9647



207.2180, -7.5025, -20.3622



153.7340, -40.2949, -2.3977



103.3700, -4.6194, -11.7255



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.



132.3930, -19.9137, -52.9647



162.3450, -30.7361, -81.8636



137.9790, 1.4894, -57.8636



83.5110, -1.7309, -4.8331



91.4700, -30.3047, -80.2192



14.0710, -4.4720, -12.3403

Inverse Universe

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



110.6070, 19.9137, 52.9647



128.6550, 30.7361, 81.8636



105.0210, -1.4894, 57.8636



81.4890, 1.7309, 4.8331



58.5300, 30.3047, 80.2192



8.9290, 4.4720, 12.3403

Previews

White Background



This preview shows how the YUV color 132.3930, -19.9137, -52.9647 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 132.3930, -19.9137, -52.9647 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 ✓ Pass

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

YUV 132.3930, -19.9137, -52.9647 Background



This preview shows how black text looks on a background with the YUV color 132.3930, -19.9137, -52.9647.



This preview shows how white text looks on a background with the YUV color 132.3930, -19.9137, -52.9647.

-52.9647.

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

132.3930, -19.9137, -52.9647

Protanopia

147.9610, -31.0398, 15.8202

Deuteranopia

149.9330, -25.1100, 27.2458



Tritanopia

143.1500, 15.7021, -43.1045

Trichromacy



Original Color

132.3930, -19.9137, -52.9647

Protanomaly

142.2460, -26.7433, -8.9857

Deuteranomaly

143.5010, -23.4180, -2.1934

Tritanomaly

139.0990, 2.9092, -46.5678

Monochromacy



Original Color

132.3930, -19.9137, -52.9647

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.9300, -7.3605, -19.2326

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.3930, -19.9137, -52.9647 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(72, 171, 92)` looks like.

```
.text, #text, p{  
    color:rgb(72, 171, 92)  
}
```

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(72, 171, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 171, 92) }
```

Border

The CSS property to change the border of an element to YUV 132.3930, -19.9137, -52.9647 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(72, 171, 92) }
```


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

```
.border{ border-color:rgb(72, 171, 92) }
```

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

Here you see how a box with a 4 pixel rgb(72, 171, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 171, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 171, 92);  
box-shadow:4px 4px 4px 4px rgb(72, 171,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 132.3930, -19.9137, -52.9647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 171, 92) }
```

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

```
.background{ background-color: rgb(72, 171,  
92) }
```

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