

Converting Colors

YUV(132.0720, -52.7865,
37.6479)

Have a look what the booklet for
YUV(132.0720, -52.7865, 37.6479)
contains.

YUV(132.0720, -52.7865, 37.6479)	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(132.0720, -52.7865,
37.6479)**

Conversions

Conversions Part 1

Format	Color
Hex	AF8319
RGB	175, 131, 25
RGB Percent	69%, 51%, 10%
CMY	0.3137, 0.4863, 0.9020
CMYK	0.00, 0.25, 0.86, 0.31
HSL	42°, 75%, 39%
HSV	42°, 86%, 69%
XYZ	25.9710, 25.4167, 4.4568
YIQ	132.0720, 60.2500, -23.6380

Conversions

Conversions Part 2

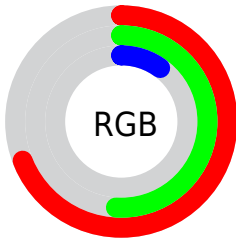
Format	Color
RYB	87, 175, 25
Decimal	11502361
CIELab	57.48, 7.73, 57.76
CIELCh	57, 58.277, 82.375
Yxy	25.4167, 0.4651, 0.4551
Android (android.graphics.Color)	4289692441 (0xFFAF8319)
YUV	132.0720, -52.7865, 37.6479
Hunter-Lab	50.4150, 3.7268, 30.0491

Details

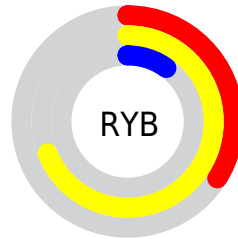
The YUV color **132.0720, -52.7865, 37.6479** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **67.9280, 52.7865, -37.6479**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.5070, -52.5080, 41.6514**, and **83.4160, -41.1241, 30.3302** is the 20% darker color. If you saturate the color by 10%, you get **127.0850, -59.2019, 42.0215**, and if you desaturate by 10%, it is **136.9450, -46.8079, 33.3742**.

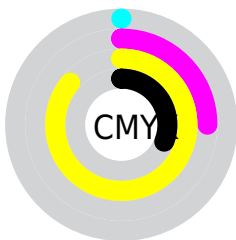
Distribution



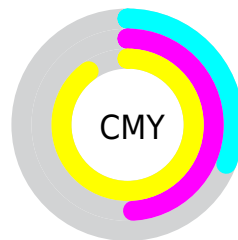
- Red (69%)
- Green (51%)
- Blue (10%)



- Red (34%)
- Yellow (69%)
- Blue (10%)



- Cyan (0%)
- Magenta (25%)
- Yellow (86%)
- Black (31%)



- Cyan (31%)
- Magenta (49%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.0720, -52.7865, 37.6479 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 132.0720, -52.7865, 37.6479 by changing the saturation by 10% instead.

■ 132.0720,
-52.7865, 37.6479

■ 132.0720,
-52.7865, 37.6479

■ 255.0000, 0.0000,
0.0000

■ 105.8760,
-52.1969, 35.1887

■ 187.5070,
-52.5080, 41.6514

■ 83.4160, -41.1241,
30.3302

■ 212.3000,
-51.9129, 37.4479

■ 61.5430, -30.3407,
24.9568

■ 231.8140,
-48.2223, 20.3341

■ 41.1430, -20.2835,
19.1686

■ 244.2840,
-41.0590, 9.3979

■ 21.9280, -10.8105,
14.0951

■ 247.4760,
-28.8287, 6.5985

■ 0.0000, 0.0000,
0.0000

■ 250.7820,

-16.1615, 3.6992

254.0880, -3.4944,
0.7998

132.0720,
-52.7865, 37.6479

132.0720,
-52.7865, 37.6479

127.0850,
-59.2019, 42.0215

136.9450,
-46.8079, 33.3742

125.1130,
-61.6807, 43.7509

141.9320,
-40.3925, 29.0006

146.8050,
-34.4139, 24.7270

152.3790,
-28.2878, 19.8386

157.3660,
-21.8724, 15.4650

■ 162.2390,
-15.8938, 11.1914

■ 167.1120, -9.9152,
6.9178

■ 172.0990, -3.4998,
2.5442

■ 176.9720, 2.4788,
-1.7294

Harmonies

Analogous

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



134.8580, -37.8910, 66.7765



132.0720, -52.7865, 37.6479



127.9100, -47.2836, -0.7981

Triad

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



132.0720, -52.7865, 37.6479



115.0440, 29.5583, -100.8936



142.2230, 28.9771, 39.2694

Complementary

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



132.0720, -52.7865, 37.6479



67.9280, 52.7865, -37.6479

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.



136.9580, 47.3487, -20.1342



132.0720, -52.7865, 37.6479



117.5980, 49.4982, -103.1334

Square

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



132.0720, -52.7865, 37.6479



108.5290, 7.1342, -95.1799



114.1220, 61.5649, -100.0850



137.5360, 7.6238, 74.9519

Rectangle

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



132.0720, -52.7865, 37.6479



122.9090, -32.4931, -31.4922



114.1220, 61.5649, -100.0850



142.1330, 35.4304, 22.6854

Sweetspot

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



132.0720, -52.7865, 37.6479



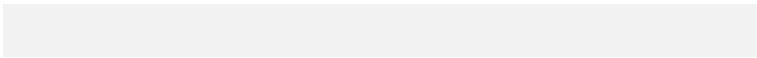
210.2950, -20.8514, 14.6503



74.9800, -2.4551, 87.7175



104.4390, -12.5414, 9.2620



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



132.0720, -52.7865, 37.6479



161.7930, -79.7639, 57.1865



148.9300, -61.0975, -3.4466



84.2130, -3.0630, 2.4442



107.0720, -52.7865, 37.6479



16.2690, -8.0206, 5.9031

Inverse Universe

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



67.9280, 52.7865, -37.6479



65.2070, 79.7639, -57.1865



51.0700, 61.0975, 3.4466



80.7870, 3.0630, -2.4442



42.9280, 52.7865, -37.6479



6.7310, 8.0206, -5.9031

Previews

White Background



This preview shows how the YUV color 132.0720, -52.7865, 37.6479 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 132.0720, -52.7865, 37.6479 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 132.0720, -52.7865, 37.6479

Background



This preview shows how black text looks on a background with the YUV color 132.0720, -52.7865, 37.6479.



This preview shows how white text looks on a background with the YUV color 132.0720, -52.7865, 37.6479.

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

132.0720, -52.7865, 37.6479

Protanopia

131.3150, -51.4273, 21.6487

Deuteranopia

132.0720, -52.7865, 37.6479



Tritanopia

140.6670, -4.7658, 35.3720

Trichromacy



Original Color

132.0720, -52.7865, 37.6479

Protanomaly

131.5330, -52.0278, 27.5966

Deuteranomaly

132.0720, -52.7865, 37.6479

Tritanomaly

137.3840, -22.3743, 36.4972

Monochromacy



Original Color

132.0720, -52.7865, 37.6479

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.3380, -19.3936, 13.7356

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.0720, -52.7865, 37.6479 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(175, 131, 25)` looks like.

```
.text, #text, p{  
    color:rgb(175, 131, 25)  
}
```

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(175, 131, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 131, 25) }
```

Border

The CSS property to change the border of an element to YUV 132.0720, -52.7865, 37.6479 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(175, 131, 25) }
```


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

```
.border{ border-color:rgb(175, 131, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 131, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 131, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 131, 25);  
box-shadow:4px 4px 4px 4px rgb(175, 131,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 132.0720, -52.7865, 37.6479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 131, 25) }
```

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

```
.background{ background-color: rgb(175,  
131, 25) }
```

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