

Converting Colors

YUV(142.8550, -50.2145,
52.7472)

Have a look what the booklet for
YUV(142.8550, -50.2145, 52.7472)
contains.

YUV(142.8550, -50.2145, 52.7472)	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(142.8550, -50.2145,
52.7472)**

Conversions

Conversions Part 1

Format	Color
Hex	CB8429
RGB	203, 132, 41
RGB Percent	80%, 52%, 16%
CMY	0.2039, 0.4824, 0.8392
CMYK	0.00, 0.35, 0.80, 0.20
HSL	34°, 66%, 48%
HSV	34°, 80%, 80%
XYZ	33.2801, 29.3591, 6.0106
YIQ	142.8550, 71.5270, -13.2490

Conversions

Conversions Part 2

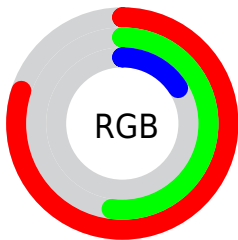
Format	Color
RYB	167, 203, 41
Decimal	13337641
CIELab	61.10, 20.10, 56.77
CIElCh	61, 60.226, 70.507
Yxy	29.3591, 0.4848, 0.4277
Android (android.graphics.Color)	4291527721 (0xFFCB8429)
YUV	142.8550, -50.2145, 52.7472
Hunter-Lab	54.1841, 14.8134, 31.3518

Details

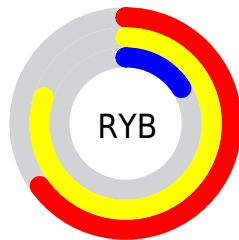
The YUV color **142.8550, -50.2145, 52.7472** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **101.1450, 50.2145, -52.7472**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.5560, -50.0671, 52.1324**, and **90.8910, -44.8093, 45.6996** is the 20% darker color. If you saturate the color by 10%, you get **135.2920, -56.3460, 59.3799**, and if you desaturate by 10%, it is **150.4180, -44.0831, 46.1144**.

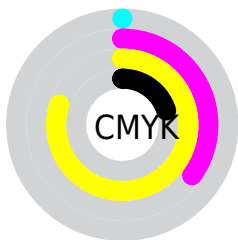
Distribution



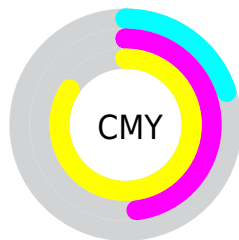
- Red (80%)
- Green (52%)
- Blue (16%)



- Red (65%)
- Yellow (80%)
- Blue (16%)



- Cyan (0%)
- Magenta (35%)
- Yellow (80%)
- Black (20%)



- Cyan (20%)
- Magenta (48%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.8550, -50.2145, 52.7472 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 142.8550, -50.2145, 52.7472 by changing the saturation by 10% instead.

■ 142.8550,
-50.2145, 52.7472

■ 142.8550,
-50.2145, 52.7472

■ 255.0000, 0.0000,
0.0000

■ 115.4480,
-52.9719, 50.4731

■ 195.5560,
-50.0671, 52.1324

■ 90.8910, -44.8093,
45.6996

■ 214.9560,
-46.8133, 35.1186

■ 69.0180, -34.0259,
40.3262

■ 234.4700,
-43.1227, 18.0048

■ 47.4330, -23.3845,
33.8233

■ 245.7660,
-35.3806, 8.0982

■ 27.0330, -13.3273,
28.0351

■ 248.9580,
-23.1503, 5.2988

■ 10.7640, -5.3067,
22.1320

■ 252.2640,

■ 0.0000, 0.0000,

-10.4832, 2.3995

0.0000

■ 142.8550,
-50.2145, 52.7472

■ 142.8550,
-50.2145, 52.7472

■ 135.2920,
-56.3460, 59.3799

■ 150.4180,
-44.0831, 46.1144

■ 127.6150,
-62.9142, 66.1126

■ 158.0950,
-37.5148, 39.3817

■ 165.6580,
-31.3834, 32.7489

■ 173.2210,
-25.2520, 26.1162

■ 180.3110,
-18.3943, 19.8983

■ 187.8740,
-12.2629, 13.2655

■ 195.4370, -6.1314,
6.6328

■ 203.0000, 0.0000,
0.0000

■ 210.6770, 6.5682,
-6.7327

Harmonies

Analogous

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



143.7700, -30.9456, 79.1317



142.8550, -50.2145, 52.7472



138.7720, -54.6106, 15.9860

Triad

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



142.8550, -50.2145, 52.7472



120.3610, 22.0070, -105.5566



151.5070, 38.2040, 19.7264

Complementary

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



142.8550, -50.2145, 52.7472



101.1450, 50.2145, -52.7472

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.



136.5450, 56.9193, -56.6060



142.8550, -50.2145, 52.7472



124.8870, 44.4257, -109.5259

Square

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



142.8550, -50.2145, 52.7472



112.9170, -1.4381, -99.0282



123.9530, 61.1552, -108.7068



149.0110, 17.2496, 67.5194

Rectangle

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



142.8550, -50.2145, 52.7472



135.4570, -43.6093, -12.6788



123.9530, 61.1552, -108.7068



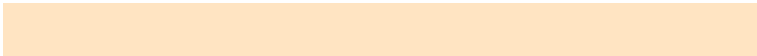
149.6830, 44.5263, -1.4760

Sweetspot

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



142.8550, -50.2145, 52.7472



232.1970, -18.8311, 19.9982



97.7600, 8.0063, 92.2955



113.8030, -11.2419, 12.4508



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



142.8550, -50.2145, 52.7472



164.2610, -76.0507, 79.5781



182.1400, -69.5820, 11.2782



98.5120, -3.2104, 3.0590



104.2250, -51.3829, 54.1767



23.6890, -11.6787, 12.5507

Inverse Universe

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



101.1450, 50.2145, -52.7472



100.7390, 76.0507, -79.5781



61.8600, 69.5820, -11.2782



95.4880, 3.2104, -3.0590



61.7750, 51.3829, -54.1767



14.3110, 11.6787, -12.5507

Previews

White Background



This preview shows how the YUV color 142.8550, -50.2145, 52.7472 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 142.8550, -50.2145, 52.7472 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 142.8550, -50.2145, 52.7472

Background



This preview shows how black text looks on a background with the YUV color 142.8550, -50.2145, 52.7472.



This preview shows how white text looks on a background with the YUV color 142.8550, -50.2145, 52.7472.

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

142.8550, -50.2145, 52.7472

Protanopia

141.6400, -47.6435, 21.3637

Deuteranopia

142.1260, -51.3341, 38.4775



Tritanopia

149.4410, -8.5984, 51.3562

Trichromacy



Original Color

142.8550, -50.2145, 52.7472

Protanomaly

141.8910, -48.2603, 32.5446

Deuteranomaly

142.2730, -50.9136, 43.6106

Tritanomaly

146.8420, -23.5861, 51.8816

Monochromacy



Original Color

142.8550, -50.2145, 52.7472

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

143.0120, -18.2469, 19.2835

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.8550, -50.2145, 52.7472 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(203, 132, 41)` looks like.

```
.text, #text, p{  
    color:rgb(203, 132, 41)  
}
```

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(203, 132, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 132, 41) }
```

Border

The CSS property to change the border of an element to YUV 142.8550, -50.2145, 52.7472 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(203, 132, 41) }
```


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

```
.border{ border-color:rgb(203, 132, 41) }
```

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

Here you see how a box with a 4 pixel rgb(203, 132, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 132, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 132, 41);  
box-shadow:4px 4px 4px 4px rgb(203, 132,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 142.8550, -50.2145, 52.7472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 132, 41) }
```

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

```
.background{ background-color: rgb(203,  
132, 41) }
```

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