

Converting Colors

YUV(142.4620, -44.1048,
53.0918)

Have a look what the booklet for
YUV(142.4620, -44.1048, 53.0918)
contains.

YUV(142.4620, -44.1048, 53.0918)	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(142.4620, -44.1048,
53.0918)**

Conversions

Conversions Part 1

Format	Color
Hex	CB8135
RGB	203, 129, 53
RGB Percent	80%, 51%, 21%
CMY	0.2039, 0.4941, 0.7922
CMYK	0.00, 0.36, 0.74, 0.20
HSL	30°, 59%, 50%
HSV	30°, 74%, 80%
XYZ	33.1215, 28.6541, 7.1533
YIQ	142.4620, 68.5000, -7.9480

Conversions

Conversions Part 2

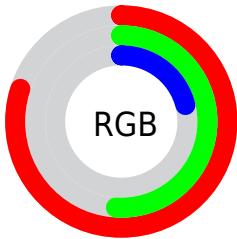
Format	Color
RYB	199, 203, 53
Decimal	13336885
CIELab	60.48, 22.22, 51.15
CIELCh	60, 55.770, 66.522
Yxy	28.6541, 0.4805, 0.4157
Android (android.graphics.Color)	4291526965 (0xFFCB8135)
YUV	142.4620, -44.1048, 53.0918
Hunter-Lab	53.5295, 16.7706, 29.5476

Details

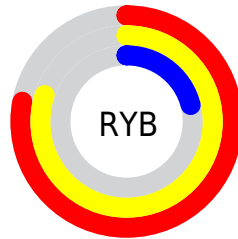
The YUV color **142.4620, -44.1048, 53.0918** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **113.5380, 44.1048, -53.0918**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.9350, -44.8310, 52.6770**, and **89.4290, -44.0885, 47.8588** is the 20% darker color. If you saturate the color by 10%, you get **134.3120, -49.9468, 60.2394**, and if you desaturate by 10%, it is **150.6120, -38.2627, 45.9443**.

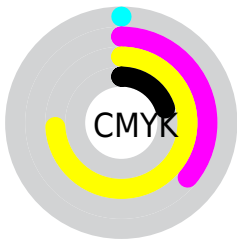
Distribution



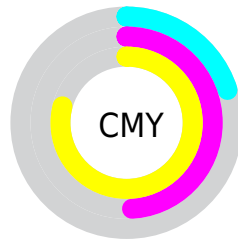
- Red (80%)
- Green (51%)
- Blue (21%)



- Red (78%)
- Yellow (80%)
- Blue (21%)



- Cyan (0%)
- Magenta (36%)
- Yellow (74%)
- Black (20%)




- Cyan (20%)
- Magenta (49%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.4620, -44.1048, 53.0918 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 142.4620, -44.1048, 53.0918 by changing the saturation by 10% instead.


 142.4620,
-44.1048, 53.0918


 142.4620,
-44.1048, 53.0918


255.0000, 0.0000,
0.0000

 115.8530,
-43.8045, 50.1179


 194.9350,
-44.8310, 52.6770

 89.4290, -44.0885,
47.8588


 214.3350,
-41.5772, 35.6632

 67.2570, -33.1577,
41.8706


 233.8490,
-37.8866, 18.5494

 45.9710, -22.6637,
35.9824

 246.9060,
-31.0127, 7.0984

 24.6850, -12.1697,
30.0943

 250.2120,
-18.3455, 4.1991

 11.1770, -5.0173,
22.6468

 253.4040, -6.1152,

 0.0000, 0.0000,

1.3997

0.0000

■ 142.4620,
-44.1048, 53.0918

■ 142.4620,
-44.1048, 53.0918

■ 134.3120,
-49.9468, 60.2394

■ 150.6120,
-38.2627, 45.9443

■ 126.0480,
-56.2257, 67.4869

■ 158.8760,
-31.9839, 38.6967

■ 121.1580,
-59.7309, 71.7754

■ 167.0260,
-26.1418, 31.5492

■ 175.1760,
-20.2998, 24.4016

■ 183.4400,
-14.0209, 17.1541

■ 191.5900, -8.1789,
10.0066

■ 199.7400, -2.3368,
2.8590

■ 207.8900, 3.5052,
-4.2885

■ 216.1540, 9.7841,
-11.5361

Harmonies

Analogous

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



143.6000, -26.4248, 75.7728



142.4620, -44.1048, 53.0918



139.1730, -49.3853, 20.0193

Triad

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



142.4620, -44.1048, 53.0918



117.4600, 18.5072, -103.0124



149.2240, 37.3576, 11.2046

Complementary

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



142.4620, -44.1048, 53.0918



113.5380, 44.1048, -53.0918

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.



133.2300, 54.6096, -62.4687



142.4620, -44.1048, 53.0918



121.7580, 40.0523, -106.7818

Square

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



142.4620, -44.1048, 53.0918



112.0920, -3.4964, -92.1657



121.4110, 56.4924, -106.4774



148.5860, 18.4451, 57.3681

Rectangle

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



142.4620, -44.1048, 53.0918



135.9570, -41.8838, -6.1013



121.4110, 56.4924, -106.4774



146.8840, 42.9482, -8.6683

Sweetspot

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



142.4620, -44.1048, 53.0918



232.1800, -16.3577, 20.0131



106.4000, 10.6488, 84.7182



114.1450, -9.9315, 12.1508



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.



142.4620, -44.1048, 53.0918



163.3780, -66.7414, 80.3525



185.9000, -65.5197, 14.9967



97.9250, -2.9210, 3.5738



98.9420, -48.7784, 58.8099



22.5150, -11.0999, 13.5803

Inverse Universe

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



113.5380, 44.1048, -53.0918



119.6220, 66.7414, -80.3525



70.1000, 65.5197, -14.9967



96.0750, 2.9210, -3.5738



67.0580, 48.7784, -58.8099



15.4850, 11.0999, -13.5803

Previews

White Background



This preview shows how the YUV color 142.4620, -44.1048, 53.0918 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 142.4620, -44.1048, 53.0918 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 142.4620, -44.1048, 53.0918

Background



This preview shows how black text looks on a background with the YUV color 142.4620, -44.1048, 53.0918.



This preview shows how white text looks on a background with the YUV color 142.4620, -44.1048,

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

142.4620, -44.1048, 53.0918

Protanopia

141.6380, -41.2335, 18.7345

Deuteranopia

142.0100, -45.3609, 35.9482



Tritanopia

148.0390, -8.8932, 52.5858

Trichromacy



Original Color

142.4620, -44.1048, 53.0918

Protanomaly

141.7860, -42.2925, 31.7597

Deuteranomaly

141.8690, -44.7984, 42.2109

Tritanomaly

146.0100, -21.6969, 52.6112

Monochromacy



Original Color

142.4620, -44.1048, 53.0918

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.9950, -15.7735, 19.2984

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.4620, -44.1048, 53.0918 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, 129, 53)` looks like.

```
.text, #text, p{  
    color:rgb(203, 129, 53)  
}
```

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, 129, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 129, 53) }
```

Border

The CSS property to change the border of an element to YUV 142.4620, -44.1048, 53.0918 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, 129, 53) }
```


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

```
.border{ border-color:rgb(203, 129, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 129, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 129, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 129, 53);  
box-shadow:4px 4px 4px 4px rgb(203, 129,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 142.4620, -44.1048, 53.0918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 129, 53) }
```

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

```
.background{ background-color: rgb(203,  
129, 53) }
```

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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