

Converting Colors

YUV(142.4560, -48.5388,
28.5411)

Have a look what the booklet for
YUV(142.4560, -48.5388, 28.5411)
contains.

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Color

**YUV(142.4560, -48.5388,
28.5411)**

Conversions

Conversions Part 1

Format	Color
Hex	AF912C
RGB	175, 145, 44
RGB Percent	69%, 57%, 17%
CMY	0.3137, 0.4314, 0.8275
CMYK	0.00, 0.17, 0.75, 0.31
HSL	46°, 60%, 43%
HSV	46°, 75%, 69%
XYZ	28.2592, 29.5466, 6.5965
YIQ	142.4560, 50.3010, -25.0510

Conversions

Conversions Part 2

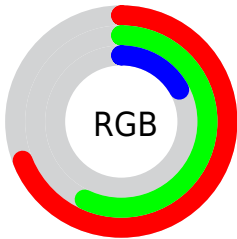
Format	Color
RYB	83, 175, 44
Decimal	11505964
CIELab	61.26, 0.69, 54.66
CIELCh	61, 54.663, 89.272
Yxy	29.5466, 0.4388, 0.4588
Android (android.graphics.Color)	4289696044 (0xFFAF912C)
YUV	142.4560, -48.5388, 28.5411
Hunter-Lab	54.3568, -2.3251, 30.8546

Details

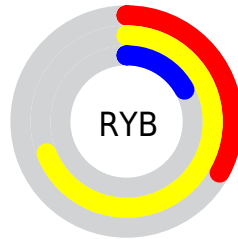
The YUV color **142.4560, -48.5388, 28.5411** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **76.5440, 48.5388, -28.5411**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.8370, -49.7126, 31.7150**, and **91.3460, -45.0336, 24.2526** is the 20% darker color. If you saturate the color by 10%, you get **138.1700, -54.8068, 32.2999**, and if you desaturate by 10%, it is **146.8560, -41.8340, 24.6823**.

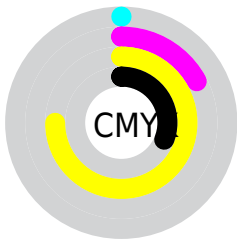
Distribution



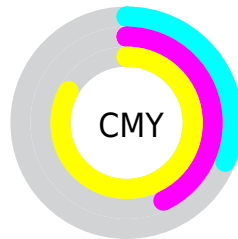
- Red (69%)
- Green (57%)
- Blue (17%)



- Red (33%)
- Yellow (69%)
- Blue (17%)



- Cyan (0%)
- Magenta (17%)
- Yellow (75%)
- Black (31%)



- Cyan (31%)
- Magenta (43%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.4560, -48.5388, 28.5411 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 142.4560, -48.5388, 28.5411 by changing the saturation by 10% instead.

■ 142.4560,
-48.5388, 28.5411

■ 142.4560,
-48.5388, 28.5411

■ 255.0000, 0.0000,
0.0000

■ 115.4620,
-51.0068, 26.7818

■ 197.8370,
-49.7126, 31.7150

■ 91.3460, -45.0336,
24.2526

■ 222.9290,
-49.2650, 28.1263

■ 69.7720, -34.3976,
19.4940

■ 243.0300,
-45.8638, 10.4977

■ 48.1980, -23.7616,
14.7354

■ 246.2220,
-33.6334, 7.6983

■ 28.6840, -14.1412,
9.0471

■ 249.4140,
-21.4031, 4.8989

■ 5.0390, -2.4842,
3.4738

■ 252.7200, -8.7360,

■ 0.0000, 0.0000,

1.9996

0.0000

■ 142.4560,
-48.5388, 28.5411

■ 142.4560,
-48.5388, 28.5411

■ 138.1700,
-54.8068, 32.2999

■ 146.8560,
-41.8340, 24.6823

■ 133.7700,
-61.5116, 36.1587

■ 151.1420,
-35.5660, 20.9235

■ 131.5700,
-64.8640, 38.0881

■ 155.5420,
-28.8612, 17.0647

■ 159.8280,
-22.5932, 13.3058

■ 164.2280,
-15.8884, 9.4470

■ 168.5140, -9.6204,
5.6882

■ 172.9140, -2.9156,
1.8294

■ 177.2000, 3.3524,
-1.9294

■ 181.6000, 10.0572,
-5.7882

Harmonies

Analogous

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



145.2330, -40.0479, 58.5547



142.4560, -48.5388, 28.5411



137.9180, -39.3996, -9.5751

Triad

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



142.4560, -48.5388, 28.5411



122.4930, 35.2530, -107.4264



152.2580, 22.5508, 47.1317

Complementary

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



142.4560, -48.5388, 28.5411



76.5440, 48.5388, -28.5411

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.



150.3470, 40.7479, -2.9353



142.4560, -48.5388, 28.5411



123.0750, 52.7140, -107.9368

Square

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



142.4560, -48.5388, 28.5411



116.9070, 13.8498, -102.5274



118.6270, 62.3019, -103.1589



147.9290, 1.5140, 74.6073

Rectangle

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



142.4560, -48.5388, 28.5411



131.9170, -24.6091, -40.2692



118.6270, 62.3019, -103.1589



152.4780, 28.8513, 32.9068

Sweetspot

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



142.4560, -48.5388, 28.5411



214.8430, -18.6566, 10.6617



86.7030, -5.7696, 77.4365



107.4710, -11.0782, 6.6029



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.



142.4560, -48.5388, 28.5411



176.1550, -75.5054, 44.5911



149.6010, -52.0613, -8.4201



84.8000, -3.3524, 1.9294



112.9420, -55.6804, 32.4999



17.4430, -8.5994, 4.8735

Inverse Universe

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



76.5440, 48.5388, -28.5411



73.2580, 75.7948, -44.0763



69.3990, 52.0613, 8.4201



80.2000, 3.3524, -1.9294



37.0580, 55.6804, -32.4999



5.5570, 8.5994, -4.8735

Previews

White Background



This preview shows how the YUV color 142.4560, -48.5388, 28.5411 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 142.4560, -48.5388, 28.5411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

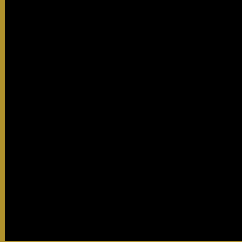
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.4560, -48.5388, 28.5411

Background



This preview shows how black text looks on a background with the YUV color 142.4560, -48.5388, 28.5411.



This preview shows how white text looks on a background with the YUV color 142.4560, -48.5388, 28.5411.

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

142.4560, -48.5388, 28.5411

Protanopia

141.6400, -47.6435, 21.3637

Deuteranopia

143.6250, -48.1291, 37.1629



Tritanopia

150.3070, -2.1234, 27.7948

Trichromacy



Original Color

142.4560, -48.5388, 28.5411

Protanomaly

141.9500, -47.7963, 23.7229

Deuteranomaly

142.9020, -48.2657, 34.2889

Tritanomaly

147.5400, -19.0002, 27.5904

Monochromacy



Original Color

142.4560, -48.5388, 28.5411

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.0710, -17.7830, 10.4617

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.4560, -48.5388, 28.5411 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, 145, 44)` looks like.

```
.text, #text, p{  
    color:rgb(175, 145, 44)  
}
```

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, 145, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 145, 44) }
```

Border

The CSS property to change the border of an element to YUV 142.4560, -48.5388, 28.5411 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, 145, 44) }
```


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

```
.border{ border-color:rgb(175, 145, 44) }
```

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

Here you see how a box with a 4 pixel rgb(175, 145, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 145, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 145, 44);  
box-shadow:4px 4px 4px 4px rgb(175, 145,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 142.4560, -48.5388, 28.5411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 145, 44) }
```

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

```
.background{ background-color: rgb(175,  
145, 44) }
```

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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