

Converting Colors

YUV(149.1220, -41.9651,
20.0640)

Have a look what the booklet for
YUV(149.1220, -41.9651, 20.0640)
contains.

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Color

**YUV(149.1220, -41.9651,
20.0640)**

Conversions

Conversions Part 1	
Format	Color
Hex	AC9A40
RGB	172, 154, 64
RGB Percent	67%, 60%, 25%
CMY	0.3255, 0.3961, 0.7490
CMYK	0.00, 0.10, 0.63, 0.33
HSL	50°, 46%, 46%
HSV	50°, 63%, 67%
XYZ	29.4943, 32.2520, 9.5212
YIQ	149.1220, 39.6180, -24.1740

Conversions

Conversions Part 2

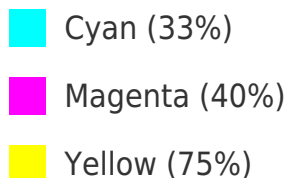
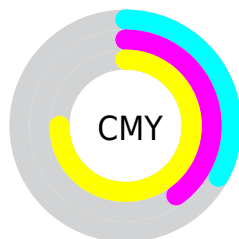
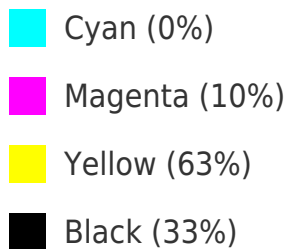
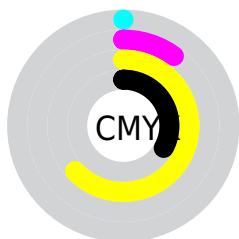
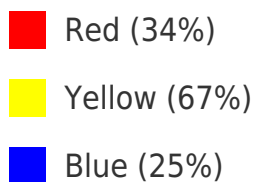
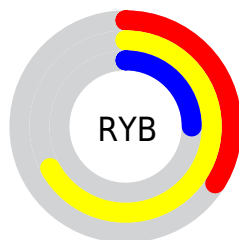
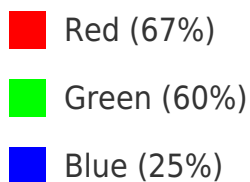
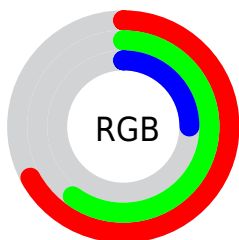
Format	Color
RYB	86, 172, 64
Decimal	11311680
CIELab	63.55, -4.38, 48.38
CIELCh	64, 48.583, 95.175
Yxy	32.2520, 0.4139, 0.4525
Android (android.graphics.Color)	4289501760 (0xFFAC9A40)
YUV	149.1220, -41.9651, 20.0640
Hunter-Lab	56.7909, -6.6802, 29.8134

Details

The YUV color **149.1220, -41.9651, 20.0640** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **86.8780, 41.9651, -20.0640**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9760, -43.8652, 22.8230**, and **96.2420, -43.9963, 18.2048** is the 20% darker color. If you saturate the color by 10%, you get **145.4230, -48.5225, 23.3080**, and if you desaturate by 10%, it is **152.8210, -35.4078, 16.8200**.

Distribution




Brightness & Saturation Gradients


These gradients show how the YUV color 149.1220, -41.9651, 20.0640 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 149.1220, -41.9651, 20.0640 by changing the saturation by 10% instead.


 149.1220,
-41.9651, 20.0640

 149.1220,
-41.9651, 20.0640


 255.0000, 0.0000,
0.0000

 122.5240,
-41.6703, 18.8345


 203.9760,
-43.8652, 22.8230

 96.2420, -43.9963,
18.2048


 230.9650,
-43.8597, 21.0787


 73.2830, -36.1285,
14.6608


 245.1960,
-37.5646, 8.5981

 52.5950, -25.9293,
10.0022

 248.3880,
-25.3343, 5.7987


 32.7930, -16.1669,
5.4435


 251.6940,
-12.6671, 2.8994


 11.4960, -5.6675,
-2.1890


 0.0000, 0.0000,


0.0000


 149.1220,
-41.9651, 20.0640


 149.1220,
-41.9651, 20.0640


 145.4230,
-48.5225, 23.3080


 152.8210,
-35.4078, 16.8200

 141.7240,
-55.0799, 26.5521

 156.5200,
-28.8504, 13.5760

 137.9110,
-62.0741, 29.8961

 160.3330,
-21.8562, 10.2320

 135.3690,
-66.7369, 32.1254

 163.4450,
-15.0094, 7.5027

 167.1440, -8.4520,
4.2587

 170.8430, -1.8946,
1.0147

■ 174.5420, 4.6628,
-2.2293

■ 178.3550, 11.6570,
-5.5733

■ 182.0540, 18.2144,
-8.8174

Harmonies

Analogous

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



152.3350, -38.1262, 48.8182



149.1220, -41.9651, 20.0640



144.5350, -31.8158, -15.3782

Triad

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



149.1220, -41.9651, 20.0640



125.2800, 38.3160, -109.8706



158.2490, 16.1462, 48.0166

Complementary

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



149.1220, -41.9651, 20.0640



86.8780, 41.9651, -20.0640

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.



157.7630, 33.1478, 8.1008



149.1220, -41.9651, 20.0640



125.0640, 52.7194, -109.6811

Square

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



149.1220, -41.9651, 20.0640



121.5520, 18.9549, -106.6011



145.8420, 46.4199, -48.9734



155.5170, -3.7059, 68.8296

Rectangle

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



149.1220, -41.9651, 20.0640



138.7300, -17.6149, -43.6132



145.8420, 46.4199, -48.9734



158.4910, 22.4359, 37.2804

Sweetspot

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



149.1220, -41.9651, 20.0640



215.1030, -16.3198, 7.8027



98.3440, -8.0576, 64.5963



106.6880, -10.1992, 4.6586



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.



149.1220, -41.9651, 20.0640



188.4120, -65.2791, 31.2107



149.5220, -42.1623, -10.1048



84.8000, -3.3524, 1.9294



118.2250, -58.2849, 27.8667



18.0300, -8.8888, 4.3587

Inverse Universe

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



86.8780, 41.9651, -20.0640



91.5880, 65.2791, -31.2107



87.0760, 41.8675, 11.3343



79.6130, 3.6418, -1.4146



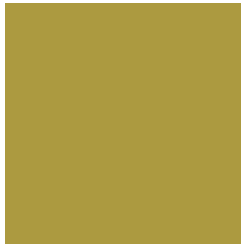
31.7750, 58.2849, -27.8667



4.9700, 8.8888, -4.3587

Previews

White Background



This preview shows how the YUV color 149.1220, -41.9651, 20.0640 looks on a white background.

Color Contrast Check

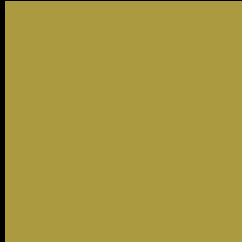
Large Text (above 18pt) WCAG AA × Fail

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 149.1220, -41.9651, 20.0640 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 149.1220, -41.9651, 20.0640

Background



This preview shows how black text looks on a background with the YUV color 149.1220, -41.9651, 20.0640.



This preview shows how white text looks on a background with the YUV color 149.1220, -41.9651, 20.0640.

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

149.1220, -41.9651, 20.0640

Protanopia

148.8230, -41.8177, 19.4492

Deuteranopia

150.3350, -41.5772, 35.6632



Tritanopia

156.7190, -0.3545, 20.4174

Trichromacy



Original Color
149.1220, -41.9651, 20.0640

Protanomaly
148.8230, -41.8177, 19.4492

Deuteranomaly
149.8890, -41.8503, 29.9153

Tritanomaly
153.8210, -15.1948, 20.3280

Monochromacy



Original Color
149.1220, -41.9651, 20.0640

Achromatopsia
149.0000, 0.0000, 0.0000

Achromatomaly
149.0320, -15.2988, 6.9879

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.1220, -41.9651, 20.0640 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(172, 154, 64)` looks like.

```
.text, #text, p{  
    color:rgb(172, 154, 64)  
}
```

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(172, 154, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 154, 64) }
```

Border

The CSS property to change the border of an element to YUV 149.1220, -41.9651, 20.0640 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(172, 154, 64) }
```


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

```
.border{ border-color:rgb(172, 154, 64) }
```

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

Here you see how a box with a 4 pixel rgb(172, 154, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 154, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 154, 64);  
box-shadow:4px 4px 4px 4px rgb(172, 154,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 149.1220, -41.9651, 20.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 154, 64) }
```

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

```
.background{ background-color: rgb(172,  
154, 64) }
```

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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