

Converting Colors

YUV(149.4560, -72.2028,
11.8781)

Have a look what the booklet for
YUV(149.4560, -72.2028, 11.8781)
contains.

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Color

**YUV(149.4560, -72.2028,
11.8781)**

Conversions

Conversions Part 1

Format	Color
Hex	A3AB03
RGB	163, 171, 3
RGB Percent	64%, 67%, 1%
CMY	0.3608, 0.3294, 0.9882
CMYK	0.05, 0.00, 0.98, 0.33
HSL	63°, 97%, 34%
HSV	63°, 98%, 67%
XYZ	29.6836, 36.9189, 5.6477
YIQ	149.4560, 49.1600, -53.9440

Conversions

Conversions Part 2

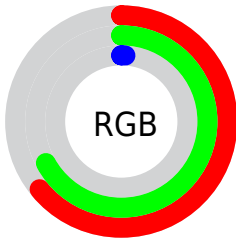
Format	Color
R _Y B	3, 171, 11
Decimal	10726147
CIE Lab	67.22, -19.46, 68.89
CIE LCh	67, 71.584, 105.773
Yxy	36.9189, 0.4108, 0.5110
Android (android.graphics.Color)	4288916227 (0xFFA3AB03)
YUV	149.4560, -72.2028, 11.8781
Hunter-Lab	60.7609, -19.1289, 37.0217

Details

The YUV color **149.4560, -72.2028, 11.8781** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **24.5440, 72.2028, -11.8781**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.6330, -63.9091, 11.7229**, and **101.8460, -50.2101, 4.5201** is the 20% darker color. If you saturate the color by 10%, you get **149.1140, -73.5132, 12.1780**, and if you desaturate by 10%, it is **151.6930, -64.9246, 10.7932**.

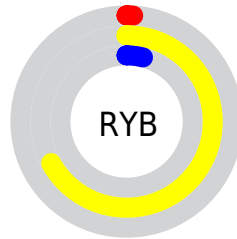
Distribution



Red (64%)

Green (67%)

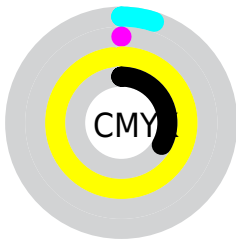
Blue (1%)



Red (1%)

Yellow (67%)

Blue (4%)

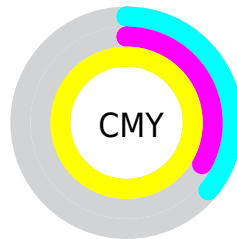


Cyan (5%)

Magenta (0%)

Yellow (98%)

Black (33%)



Cyan (36%)

Magenta (33%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4560, -72.2028, 11.8781 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 149.4560, -72.2028, 11.8781 by changing the saturation by 10% instead.

■ 149.4560,
-72.2028, 11.8781

■ 149.4560,
-72.2028, 11.8781

■ 255.0000, 0.0000,
0.0000

■ 125.4800,
-61.8616, 8.3490

■ 207.6330,
-63.9091, 11.7229

■ 101.8460,
-50.2101, 4.5201

■ 236.8180,
-64.4933, 12.4376

■ 79.0980, -38.9953,
0.7911

■ 241.2060,
-52.8526, 12.0973

■ 57.2250, -28.2119,
-4.5823

■ 244.3980,
-40.6222, 9.2980

■ 35.9500, -17.7233,
-8.7261

■ 247.7040,
-27.9551, 6.3986

■ 17.0230, -8.3923,
-14.9292

■ 251.0100,

■ 0.0000, 0.0000,

-15.2879, 3.4992

0.0000

254.3160, -2.6208,
0.5999

■ 149.4560,
-72.2028, 11.8781

■ 149.4560,
-72.2028, 11.8781

■ 149.1140,
-73.5132, 12.1780

■ 151.6930,
-64.9246, 10.7932

■ 153.9300,
-57.6465, 9.7084

■ 155.8680,
-50.2209, 8.0088

■ 158.1050,
-42.9428, 6.9239

■ 160.3420,
-35.6646, 5.8391

■ 162.6930,
-27.9496, 4.6542

■ 164.9300,
-20.6715, 3.5694

■ 167.1670,
-13.3933, 2.4845

■ 169.1050, -5.9678,
0.7849

Harmonies

Analogous

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



155.1810, -68.1232, 56.8463



149.4560, -72.2028, 11.8781



141.8330, -37.3857, -48.9655

Triad

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



149.4560, -72.2028, 11.8781



140.6000, 56.3992, -123.3062



159.7510, 18.3638, 83.5334

Complementary

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



149.4560, -72.2028, 11.8781



24.5440, 72.2028, -11.8781

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.



168.3440, 42.2284, 35.6553



149.4560, -72.2028, 11.8781



134.7300, 59.2931, -118.1582

Square

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



149.4560, -72.2028, 11.8781



136.3360, 29.9074, -119.5667



150.8080, 51.3667, -48.9436



149.9930, -8.8705, 92.0911

Rectangle

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



149.4560, -72.2028, 11.8781



123.8420, -7.8101, -108.6094



150.8080, 51.3667, -48.9436



164.7590, 26.2478, 74.7564

Sweetspot

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



149.4560, -72.2028, 11.8781



213.8070, -27.5129, 4.5543



56.7540, -26.5007, 100.1937



106.9560, -16.7403, 2.6696



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.



149.4560, -72.2028, 11.8781



193.4030, -95.3477, 15.4326



124.9380, -60.1154, -38.5336



85.6750, -3.7838, 0.2850



130.8070, -64.4879, 10.6933



20.0790, -9.8989, 1.6847

Inverse Universe

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



24.5440, 72.2028, -11.8781



28.5970, 95.3477, -15.4326



49.0620, 60.1154, 38.5336



79.0260, 3.9312, -0.8998



19.1930, 64.4879, -10.6933



2.9210, 9.8989, -1.6847

Previews

White Background



This preview shows how the YUV color 149.4560, -72.2028, 11.8781 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 149.4560, -72.2028, 11.8781 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 149.4560, -72.2028, 11.8781 Background



This preview shows how black text looks on a background with the YUV color 149.4560, -72.2028, 11.8781.



This preview shows how white text looks on a background with the YUV color 149.4560, -72.2028, 11.8781.

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

149.4560, -72.2028, 11.8781

Protanopia

151.5830, -74.7304, 29.3067

Deuteranopia

155.6570, -63.4279, 44.1508



Tritanopia

165.1520, 2.8831, 8.6367

Trichromacy



Original Color

149.4560, -72.2028, 11.8781

Protanomaly

151.0660, -73.9825, 22.7441

Deuteranomaly

153.3690, -66.7369, 32.1254

Tritanomaly

159.3500, -24.3295, 10.2171

Monochromacy



Original Color

149.4560, -72.2028, 11.8781

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.1490, -26.2025, 4.2543

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4560, -72.2028, 11.8781 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(163, 171, 3)` looks like.

```
.text, #text, p{  
    color:rgb(163, 171, 3)  
}
```

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(163, 171, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 171, 3) }
```

Border

The CSS property to change the border of an element to YUV 149.4560, -72.2028, 11.8781 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(163, 171, 3) }
```


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

```
.border{ border-color:rgb(163, 171, 3) }
```

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

Here you see how a box with a 4 pixel rgb(163, 171, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 171, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 171, 3);  
box-shadow:4px 4px 4px 4px rgb(163, 171,  
3) }
```

Background

The CSS property to change the background color of an element to YUV 149.4560, -72.2028, 11.8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 171, 3) }
```

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

```
.background{ background-color: rgb(163,  
171, 3) }
```

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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