

Converting Colors

YUV(149.2320, -28.7084,
14.7055)

Have a look what the booklet for
YUV(149.2320, -28.7084, 14.7055)
contains.

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Color

**YUV(149.2320, -28.7084,
14.7055)**

Conversions

Conversions Part 1

Format	Color
Hex	A6985B
RGB	166, 152, 91
RGB Percent	65%, 60%, 36%
CMY	0.3490, 0.4039, 0.6431
CMYK	0.00, 0.08, 0.45, 0.35
HSL	49°, 30%, 50%
HSV	49°, 45%, 65%
XYZ	28.8424, 31.3188, 14.4225
YIQ	149.2320, 27.9250, -16.0030

Conversions

Conversions Part 2

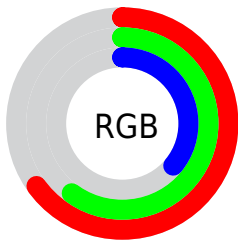
Format	Color
RYB	108, 166, 91
Decimal	10917979
CIELab	62.78, -3.55, 33.87
CIELCh	63, 34.056, 95.991
Yxy	31.3188, 0.3867, 0.4199
Android (android.graphics.Color)	4289108059 (0xFFA6985B)
YUV	149.2320, -28.7084, 14.7055
Hunter-Lab	55.9632, -5.9398, 23.8944

Details

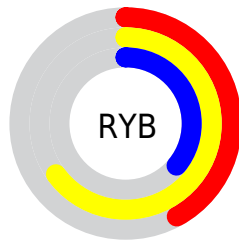
The YUV color **149.2320, -28.7084, 14.7055** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **107.7680, 28.7084, -14.7055**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.4880, -30.3136, 16.2350**, and **97.6770, -26.9558, 12.5613** is the 20% darker color. If you saturate the color by 10%, you get **145.5330, -35.2658, 17.9496**, and if you desaturate by 10%, it is **152.9310, -22.1510, 11.4615**.

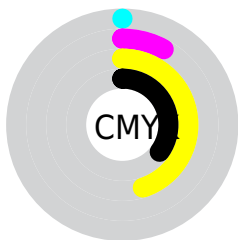
Distribution



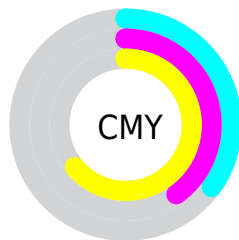
- Red (65%)
- Green (60%)
- Blue (36%)



- Red (42%)
- Yellow (65%)
- Blue (36%)



- Cyan (0%)
- Magenta (8%)
- Yellow (45%)
- Black (35%)



- Cyan (35%)
- Magenta (40%)
- Yellow (64%)
- Black (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.2320, -28.7084, 14.7055 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 149.2320, -28.7084, 14.7055 by changing the saturation by 10% instead.

■ 149.2320,
-28.7084, 14.7055

■ 149.2320,
-28.7084, 14.7055

■ 255.0000, 0.0000,
0.0000

■ 123.1610,
-27.6874, 13.8908

■ 203.4880,
-30.3136, 16.2350

■ 97.6770, -26.9558,
12.5613

■ 231.6730,
-30.8978, 16.9498

■ 73.4920, -26.3716,
11.8465

■ 248.2740,
-25.7711, 5.8987

■ 50.8230, -25.0557,
9.8022

■ 251.5800,
-13.1039, 2.9993

■ 31.3200, -15.4408,
5.8584

■ 254.7720, -0.8736,
0.2000

■ 8.8380, -4.3571,
-2.4889

■ 0.0000, 0.0000,

0.0000

■ 149.2320,
-28.7084, 14.7055

■ 149.2320,
-28.7084, 14.7055

■ 145.5330,
-35.2658, 17.9496

■ 152.9310,
-22.1510, 11.4615

■ 141.9480,
-41.3864, 21.0936

■ 156.5160,
-16.0304, 8.3175

■ 138.2490,
-47.9438, 24.3376

■ 160.2150, -9.4730,
5.0734

■ 134.6640,
-54.0644, 27.4817

■ 163.8000, -3.3524,
1.9294

■ 130.9650,
-60.6217, 30.7257

■ 167.4990, 3.2050,
-1.3146

■ 128.8790,
-63.5373, 32.5551

■ 171.7850, 9.4730,
-5.0734

■ 175.3700, 15.5936,
-8.2175

■ 179.0690, 22.1510,
-11.4615

■ 182.6540, 28.2716,
-14.6056

Harmonies

Analogous

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



151.8200, -27.0263, 35.2379



149.2320, -28.7084, 14.7055



145.9020, -21.6437, -11.3151

Triad

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



149.2320, -28.7084, 14.7055



127.0070, 29.0835, -88.5831



155.9670, 10.3693, 34.2319

Complementary

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



149.2320, -28.7084, 14.7055



107.7680, 28.7084, -14.7055

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.



155.0050, 22.6755, 7.0116



149.2320, -28.7084, 14.7055



138.3120, 33.3702, -63.4176

Square

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



149.2320, -28.7084, 14.7055



132.9590, 11.8522, -68.3700



149.2610, 30.9303, -27.4159



154.6840, -3.7882, 48.5121

Rectangle

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



149.2320, -28.7084, 14.7055



142.7840, -12.7115, -29.6286



149.2610, 30.9303, -27.4159



156.0630, 14.7589, 26.2547

Sweetspot

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



149.2320, -28.7084, 14.7055



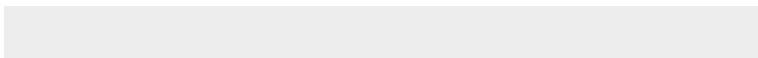
209.9440, -11.8044, 6.1881



115.1350, -4.5036, 44.6086



105.4860, -7.1416, 3.9588



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



149.2320, -28.7084, 14.7055



190.7480, -44.7388, 23.0230



150.5730, -29.3695, -6.6415



82.5010, -3.2050, 1.3146



114.6920, -56.5432, 29.2111



15.9590, -7.8678, 3.5440

Inverse Universe

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



107.7680, 28.7084, -14.7055



126.2520, 44.7388, -23.0230



106.1280, 29.5169, 6.0267



77.4990, 3.2050, -1.3146



33.3080, 56.5432, -29.2111



4.6280, 7.5784, -4.0588

Previews

White Background



This preview shows how the YUV color 149.2320, -28.7084, 14.7055 looks on a white background.

Color Contrast Check

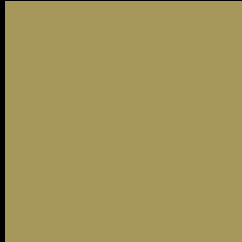
Large Text (above 18pt) WCAG AA × Fail

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 149.2320, -28.7084, 14.7055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

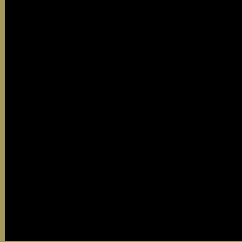
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.2320, -28.7084, 14.7055

Background



This preview shows how black text looks on a background with the YUV color 149.2320, -28.7084, 14.7055.



This preview shows how white text looks on a background with the YUV color 149.2320, -28.7084, 14.7055.

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

149.2320, -28.7084, 14.7055

Protanopia

149.2320, -28.7084, 14.7055

Deuteranopia

150.7330, -28.4624, 29.1752



Tritanopia

154.0390, 0.9668, 16.6288

Trichromacy



Original Color

149.2320, -28.7084, 14.7055

Protanomaly

149.2320, -28.7084, 14.7055

Deuteranomaly

150.2870, -28.7355, 23.4273

Tritanomaly

152.1670, -9.9423, 15.6395

Monochromacy



Original Color

149.2320, -28.7084, 14.7055

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9870, -10.3466, 5.2734

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2320, -28.7084, 14.7055 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(166, 152, 91)` looks like.

```
.text, #text, p{  
    color:rgb(166, 152, 91)  
}
```

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(166, 152, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 152, 91) }
```

Border

The CSS property to change the border of an element to YUV 149.2320, -28.7084, 14.7055 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(166, 152, 91) }
```


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

```
.border{ border-color:rgb(166, 152, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 152, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 152, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 152, 91);  
box-shadow:4px 4px 4px 4px rgb(166, 152,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 149.2320, -28.7084, 14.7055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 152, 91) }
```

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

```
.background{ background-color: rgb(166,  
152, 91) }
```

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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