

Converting Colors

YUV(148.3690, -49.9749,
22.4784)

Have a look what the booklet for
YUV(148.3690, -49.9749, 22.4784)
contains.

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Color

**YUV(148.3690, -49.9749,
22.4784)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9B2F
RGB	174, 155, 47
RGB Percent	68%, 61%, 18%
CMY	0.3176, 0.3922, 0.8157
CMYK	0.00, 0.11, 0.73, 0.32
HSL	51°, 57%, 43%
HSV	51°, 73%, 68%
XYZ	29.6900, 32.6466, 7.4259
YIQ	148.3690, 45.9920, -29.5600

Conversions

Conversions Part 2

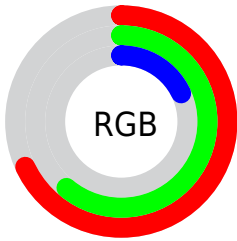
Format	Color
RYB	69, 174, 47
Decimal	11442991
CIELab	63.87, -5.03, 56.00
CIElCh	64, 56.225, 95.130
Yxy	32.6466, 0.4256, 0.4680
Android (android.graphics.Color)	4289633071 (0xFFAE9B2F)
YUV	148.3690, -49.9749, 22.4784
Hunter-Lab	57.1372, -7.2368, 32.2903

Details

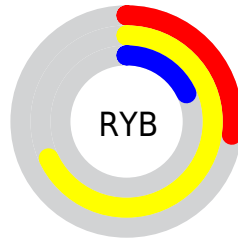
The YUV color **148.3690, -49.9749, 22.4784** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **72.6310, 49.9749, -22.4784**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.4510, -51.0013, 25.0375**, and **96.3300, -47.4907, 19.0046** is the 20% darker color. If you saturate the color by 10%, you get **144.6700, -56.5323, 25.7224**, and if you desaturate by 10%, it is **152.0680, -43.4175, 19.2344**.

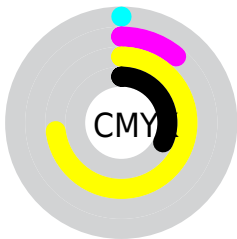
Distribution



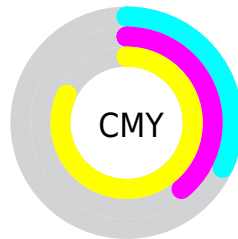
- Red (68%)
- Green (61%)
- Blue (18%)



- Red (27%)
- Yellow (68%)
- Blue (18%)



- Cyan (0%)
- Magenta (11%)
- Yellow (73%)
- Black (32%)



- Cyan (32%)
- Magenta (39%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.3690, -49.9749, 22.4784 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 148.3690, -49.9749, 22.4784 by changing the saturation by 10% instead.

■ 148.3690,
-49.9749, 22.4784

■ 148.3690,
-49.9749, 22.4784

■ 255.0000, 0.0000,
0.0000

■ 121.0870,
-52.3009, 21.8487

■ 203.4510,
-51.0013, 25.0375

■ 96.3300, -47.4907,
19.0046

■ 229.8420,
-50.7011, 22.0636

■ 74.1690, -36.5653,
14.7608

■ 243.4860,
-44.1166, 10.0978

■ 53.1820, -26.2187,
9.4874

■ 246.6780,
-31.8863, 7.2984

■ 33.3800, -16.4563,
4.9287

■ 249.8700,
-19.6559, 4.4990

■ 12.0830, -5.9569,
-2.7038

■ 253.1760, -6.9888,

■ 0.0000, 0.0000,

1.5996

0.0000

■ 148.3690,
-49.9749, 22.4784

■ 148.3690,
-49.9749, 22.4784

■ 144.6700,
-56.5323, 25.7224

■ 152.0680,
-43.4175, 19.2344

■ 141.4440,
-63.8159, 28.5516

■ 155.2940,
-36.1339, 16.4052

■ 138.9020,
-68.4787, 30.7809

■ 158.9930,
-29.5765, 13.1611

■ 162.2190,
-22.2930, 10.3319

■ 165.9180,
-15.7356, 7.0879

■ 169.6170, -9.1782,
3.8439

■ 172.8430, -1.8946,
1.0147

■ 176.5420, 4.6628,
-2.2293

■ 179.7680, 11.9464,
-5.0585

Harmonies

Analogous

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



151.7720, -44.2576, 55.4510



148.3690, -49.9749, 22.4784



142.8460, -36.8991, -18.2819

Triad

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



148.3690, -49.9749, 22.4784



128.5400, 40.6528, -112.7296



158.5150, 19.4661, 56.5533

Complementary

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



148.3690, -49.9749, 22.4784



72.6310, 49.9749, -22.4784

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.



158.2560, 38.8208, 8.5455



148.3690, -49.9749, 22.4784



128.3070, 57.5296, -112.5252

Square

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



148.3690, -49.9749, 22.4784



123.5410, 18.9603, -108.3455



140.9630, 56.2202, -65.7426



154.4090, -3.1596, 80.3253

Rectangle

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



148.3690, -49.9749, 22.4784



135.6920, -20.0612, -52.3499



140.9630, 56.2202, -65.7426



159.2620, 26.4928, 42.7432

Sweetspot

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



148.3690, -49.9749, 22.4784



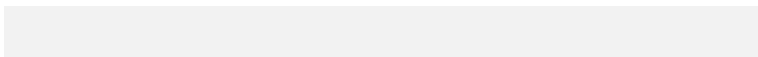
216.6040, -19.5248, 9.1173



87.1390, -10.4215, 76.1771



108.6450, -11.6570, 5.5733



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.



148.3690, -49.9749, 22.4784



186.5900, -78.6779, 35.4396



146.3660, -48.9874, -14.3530



84.8000, -3.3524, 1.9294



119.9860, -59.1531, 26.3223



18.6170, -9.1782, 3.8439

Inverse Universe

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



72.6310, 49.9749, -22.4784



67.4100, 78.6779, -35.4396



74.6340, 48.9874, 14.3530



79.6130, 3.6418, -1.4146



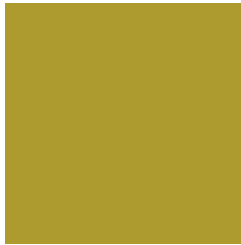
30.6010, 58.8637, -26.8371



4.3830, 9.1782, -3.8439

Previews

White Background



This preview shows how the YUV color 148.3690, -49.9749, 22.4784 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 148.3690, -49.9749, 22.4784 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 148.3690, -49.9749, 22.4784

Background



This preview shows how black text looks on a background with the YUV color 148.3690, -49.9749, 22.4784.



This preview shows how white text looks on a background with the YUV color 148.3690, -49.9749, 22.4784.

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

148.3690, -49.9749, 22.4784

Protanopia

148.3690, -49.9749, 22.4784

Deuteranopia

149.9950, -49.2975, 38.5924



Tritanopia

157.3170, -0.6493, 21.6470

Trichromacy



Original Color

148.3690, -49.9749, 22.4784

Protanomaly

148.3690, -49.9749, 22.4784

Deuteranomaly

149.5490, -49.5707, 32.8445

Tritanomaly

154.2080, -18.8365, 21.7426

Monochromacy



Original Color

148.3690, -49.9749, 22.4784

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.2340, -18.3564, 7.6878

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.3690, -49.9749, 22.4784 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(174, 155, 47)` looks like.

```
.text, #text, p{  
    color:rgb(174, 155, 47)  
}
```

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(174, 155, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 155, 47) }
```

Border

The CSS property to change the border of an element to YUV 148.3690, -49.9749, 22.4784 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(174, 155, 47) }
```


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

```
.border{ border-color:rgb(174, 155, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 155, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 155, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 155, 47);  
box-shadow:4px 4px 4px 4px rgb(174, 155,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 148.3690, -49.9749, 22.4784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 155, 47) }
```

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

```
.background{ background-color: rgb(174,  
155, 47) }
```

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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