

Converting Colors

YUV(99.4690, -30.7972,
124.9997)

Have a look what the booklet for
YUV(99.4690, -30.7972, 124.9997)
contains.

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Color

**YUV(99.4690, -30.7972,
124.9997)**

Conversions

Conversions Part 1

Format	Color
Hex	F22725
RGB	242, 39, 37
RGB Percent	95%, 15%, 15%
CMY	0.0510, 0.8471, 0.8549
CMYK	0.00, 0.84, 0.85, 0.05
HSL	1°, 89%, 55%
HSV	1°, 85%, 95%
XYZ	37.6774, 20.4619, 3.7140
YIQ	99.4690, 121.6300, 42.4140

Conversions

Conversions Part 2

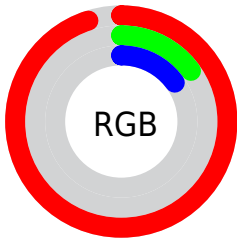
Format	Color
RYB	242, 39, 37
Decimal	15869733
CIELab	52.36, 72.66, 52.99
CIElCh	52, 89.933, 36.103
Yxy	20.4619, 0.6091, 0.3308
Android (android.graphics.Color)	4294059813 (0xFFFF22725)
YUV	99.4690, -30.7972, 124.9997
Hunter-Lab	45.2348, 69.5171, 26.7964

Details

The YUV color **99.4690, -30.7972, 124.9997** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **179.5310, 30.7972, -124.9997**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.7440, -31.4258, 93.1865**, and **52.6240, -25.9436, 108.2008** is the 20% darker color. If you saturate the color by 10%, you get **82.6450, -34.3350, 139.7543**, and if you desaturate by 10%, it is **116.2930, -27.2594, 110.2450**.

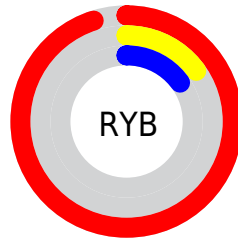
Distribution



Red (95%)

Green (15%)

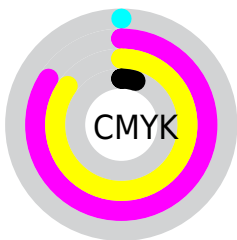
Blue (15%)



Red (95%)

Yellow (15%)

Blue (15%)

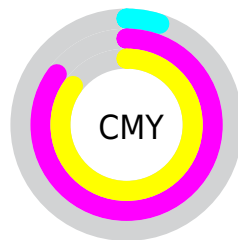


Cyan (0%)

Magenta (84%)

Yellow (85%)

Black (5%)



Cyan (5%)


Magenta (85%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.4690, -30.7972, 124.9997 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 99.4690, -30.7972, 124.9997 by changing the saturation by 10% instead.


 99.4690, -30.7972,
124.9997


 99.4690, -30.7972,
124.9997


255.0000, 0.0000,
0.0000

 63.9730, -25.1297,
127.1887


 148.7440,
-31.4258, 93.1865

 52.6240, -25.9436,
108.2008


 169.2040,
-29.1876, 75.2431


 42.7570, -21.0792,
87.9131


 189.7780,
-26.5126, 57.1997

 33.3030, -15.9254,
68.1403

 209.7650,
-23.5481, 39.6711

 24.5610, -10.6296,
49.4970

 230.5670,
-19.9995, 21.4277

 15.1780, -6.4968,
30.5389

 250.7820,

 0.0000, 0.0000,

-16.1615, 3.6992

0.0000

254.0880, -3.4944,
0.7998

■ 99.4690, -30.7972,
124.9997

■ 99.4690, -30.7972,
124.9997

■ 82.6450, -34.3350,
139.7543

■ 116.2930,
-27.2594, 110.2450

■ 73.5320, -36.2513,
147.7464

■ 133.1170,
-23.7217, 95.4904

■ 150.0550,
-19.7471, 80.6358

■ 166.8790,
-16.2093, 65.8811

■ 183.7030,
-12.6716, 51.1265

200.5270, -9.1338,
36.3718

217.3510, -5.5960,
21.6172

234.2890, -1.6215,
6.7625

251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



88.8280, 11.9168, 144.8558



99.4690, -30.7972, 124.9997



116.1520, -57.2629, 73.5347

Triad

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



99.4690, -30.7972, 124.9997



96.1950, -19.8161, -84.3630



105.9670, 73.4733, -92.9331

Complementary

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



99.4690, -30.7972, 124.9997



179.5310, 30.7972, -124.9997

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.



116.5330, 68.2642, -102.1994



99.4690, -30.7972, 124.9997



107.4180, 15.5699, -94.2056

Square

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



99.4690, -30.7972, 124.9997



98.2820, -48.4530, -45.8513



116.0820, 48.7666, -101.8039



125.4560, 62.3862, 10.1241

Rectangle

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



99.4690, -30.7972, 124.9997



117.9920, -58.1701, 37.7180



116.0820, 48.7666, -101.8039



110.6630, 71.1581, -97.0515

Sweetspot

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



99.4690, -30.7972, 124.9997



210.7230, -9.7234, 38.8309



121.6650, 59.3252, 105.5338



101.2480, -6.0383, 23.4615



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



99.4690, -30.7972, 124.9997



77.4190, -38.1676, 155.7385



158.7560, -60.0257, 73.0050



111.5880, -1.7689, 7.3773



56.1900, -27.7017, 112.0894



17.3310, -8.5442, 33.9127

Inverse Universe

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



179.5310, 30.7972, -124.9997



177.5810, 38.1676, -155.7385



120.8310, 59.7363, -73.5198



116.4120, 1.7689, -7.3773



127.8100, 27.7017, -112.0894



39.2560, 8.2548, -34.4275

Previews

White Background



This preview shows how the YUV color 99.4690, -30.7972, 124.9997 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 99.4690, -30.7972, 124.9997 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 99.4690, -30.7972, 124.9997

Background



This preview shows how black text looks on a background with the YUV color 99.4690, -30.7972, 124.9997.



This preview shows how white text looks on a background with the YUV color 99.4690, -30.7972,

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

99.4690, -30.7972, 124.9997

Protanopia

122.1350, -31.6186, 14.7906

Deuteranopia

117.3940, -57.8752, 36.4885



Tritanopia

99.4690, -30.7972, 124.9997

Trichromacy



Original Color

99.4690, -30.7972, 124.9997

Protanomaly

113.5020, -31.3065, 54.8107

Deuteranomaly

110.8230, -48.2267, 68.5612

Tritanomaly

99.4690, -30.7972, 124.9997

Monochromacy



Original Color

99.4690, -30.7972, 124.9997

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0120, -11.3449, 45.5935

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.4690, -30.7972, 124.9997 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(242, 39, 37)` looks like.

```
.text, #text, p{  
    color:rgb(242, 39, 37)  
}
```

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(242, 39, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 39, 37) }
```

Border

The CSS property to change the border of an element to YUV 99.4690, -30.7972, 124.9997 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(242, 39, 37) }
```


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

```
.border{ border-color:rgb(242, 39, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 39, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 39, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 39, 37);  
box-shadow:4px 4px 4px 4px rgb(242, 39,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 99.4690, -30.7972, 124.9997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 39, 37) }
```

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

```
.background{ background-color: rgb(242, 39,  
37) }
```

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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