

Converting Colors

YUV(149.2000, -23.2696,
43.6746)

Have a look what the booklet for
YUV(149.2000, -23.2696, 43.6746)
contains.

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Color

**YUV(149.2000, -23.2696,
43.6746)**

Conversions

Conversions Part 1

Format	Color
Hex	C78566
RGB	199, 133, 102
RGB Percent	78%, 52%, 40%
CMY	0.2196, 0.4784, 0.6000
CMYK	0.00, 0.33, 0.49, 0.22
HSL	19°, 46%, 59%
HSV	19°, 49%, 78%
XYZ	34.3390, 29.8765, 16.5272
YIQ	149.2000, 49.2870, 4.3510

Conversions

Conversions Part 2

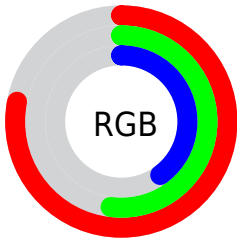
Format	Color
RYB	199, 148, 102
Decimal	13075814
CIELab	61.55, 21.86, 27.02
CIELCh	62, 34.749, 51.028
Yxy	29.8765, 0.4253, 0.3700
Android (android.graphics.Color)	4291265894 (0xFFC78566)
YUV	149.2000, -23.2696, 43.6746
Hunter-Lab	54.6594, 16.4862, 20.3342

Details

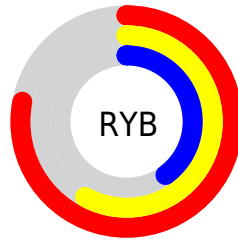
The YUV color **149.2000, -23.2696, 43.6746** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **151.8000, 23.2696, -43.6746**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.8690, -24.5854, 45.7189**, and **97.4490, -20.9274, 39.0712** is the 20% darker color. If you saturate the color by 10%, you get **138.7020, -27.9541, 52.8813**, and if you desaturate by 10%, it is **159.6980, -18.5851, 34.4679**.

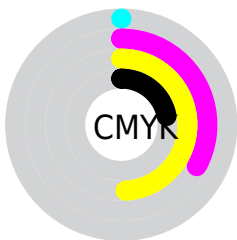
Distribution



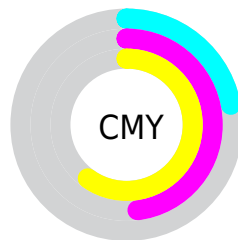
- Red (78%)
- Green (52%)
- Blue (40%)



- Red (78%)
- Yellow (58%)
- Blue (40%)



- Cyan (0%)
- Magenta (33%)
- Yellow (49%)
- Black (22%)



- Cyan (22%)
- Magenta (48%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.2000, -23.2696, 43.6746 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 149.2000, -23.2696, 43.6746 by changing the saturation by 10% instead.

■ 149.2000,
-23.2696, 43.6746

■ 149.2000,
-23.2696, 43.6746

■ 255.0000, 0.0000,
0.0000

■ 122.5310,
-21.9538, 41.6303

■ 202.8690,
-24.5854, 45.7189

■ 97.4490, -20.9274,
39.0712

■ 222.3830,
-20.8948, 28.6051

■ 72.6660, -20.0483,
37.1269

■ 242.5980,
-17.0568, 10.8766

■ 49.2850, -18.8745,
33.9531

■ 252.8340, -8.2992,
1.8996

■ 27.3430, -13.4801,
30.3942

■ 11.6610, -5.7489,
23.9763

■ 0.0000, 0.0000,

0.0000

■ 149.2000,
-23.2696, 43.6746

■ 149.2000,
-23.2696, 43.6746

■ 138.7020,
-27.9541, 52.8813

■ 159.6980,
-18.5851, 34.4679

■ 128.7910,
-32.9280, 61.5733

■ 169.6090,
-13.6112, 25.7759

■ 118.2930,
-37.6124, 70.7800

■ 180.1070, -8.9268,
16.5692

■ 108.3820,
-42.5863, 79.4720

■ 190.0180, -3.9529,
7.8772

■ 97.9980, -46.8340,
88.5788

■ 200.5160, 0.7316,
-1.3295

■ 97.0690, -47.8550,
89.3935

■ 210.3130, 5.2687,
-9.9215

■ 220.8110, 9.9532,
-19.1282

■ 230.0380, 12.3063,
-27.2203

■ 238.2560, 8.2548,
-34.4275

Harmonies

Analogous

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



151.0450, -11.3612, 50.8265



149.2000, -23.2696, 43.6746



147.4830, -29.3251, 25.8864

Triad

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



149.2000, -23.2696, 43.6746



133.2290, 2.3521, -54.5748



149.5730, 27.8185, -9.2725

Complementary

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



149.2000, -23.2696, 43.6746



151.8000, 23.2696, -43.6746

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.



140.2370, 33.9002, -46.6888



149.2000, -23.2696, 43.6746



121.9160, 23.7054, -90.2573

Square

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



149.2000, -23.2696, 43.6746



140.1220, -15.3431, -25.5400



125.2120, 34.8985, -87.0089



152.7250, 17.3906, 22.1662

Rectangle

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



149.2000, -23.2696, 43.6746



145.2100, -28.6975, 11.2168



125.2120, 34.8985, -87.0089



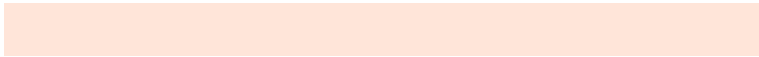
147.1800, 30.4773, -22.0829

Sweetspot

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



149.2000, -23.2696, 43.6746



235.4060, -9.0742, 17.1839



138.5270, 14.5302, 53.0348



115.9860, -5.4161, 10.5363



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.



149.2000, -23.2696, 43.6746



178.8410, -35.4176, 66.7914



177.3760, -37.1604, 18.9642



94.4520, -2.1948, 3.9886



79.2610, -39.0757, 73.4391



17.2210, -8.4900, 16.4692

Inverse Universe

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



151.8000, 23.2696, -43.6746



183.1590, 35.4176, -66.7914



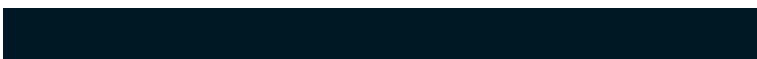
123.6240, 37.1604, -18.9642



94.5480, 2.1948, -3.9886



83.7390, 39.0757, -73.4391



18.1920, 8.7793, -15.9544

Previews

White Background



This preview shows how the YUV color 149.2000, -23.2696, 43.6746 looks on a white background.

Color Contrast Check

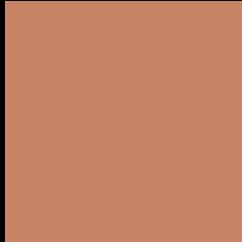
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.2000, -23.2696, 43.6746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

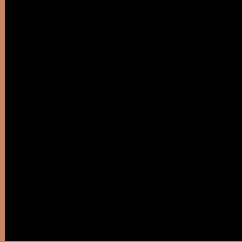
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.2000, -23.2696, 43.6746

Background



This preview shows how black text looks on a background with the YUV color 149.2000, -23.2696, 43.6746.



This preview shows how white text looks on a background with the YUV color 149.2000, -23.2696, 43.6746.

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

149.2000, -23.2696, 43.6746

Protanopia

147.7290, -19.0934, 10.7617

Deuteranopia

148.5630, -23.9416, 25.8162



Tritanopia

151.2660, -6.5401, 44.4937

Trichromacy



Original Color

149.2000, -23.2696, 43.6746

Protanomaly

148.0510, -20.7311, 22.7573

Deuteranomaly

148.7210, -23.5265, 32.6937

Tritanomaly

150.6590, -12.6499, 44.1491

Monochromacy



Original Color

149.2000, -23.2696, 43.6746

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9220, -8.3425, 15.8544

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2000, -23.2696, 43.6746 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(199, 133, 102)` looks like.

```
.text, #text, p{  
    color:rgb(199, 133, 102)  
}
```

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(199, 133, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 133, 102) }
```

Border

The CSS property to change the border of an element to YUV 149.2000, -23.2696, 43.6746 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(199, 133, 102) }
```


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

```
.border{ border-color:rgb(199, 133, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 133, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 133, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 133, 102);  
box-shadow:4px 4px 4px 4px rgb(199, 133,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 149.2000, -23.2696, 43.6746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 133, 102) }
```

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

```
.background{ background-color: rgb(199,  
133, 102) }
```

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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