

Converting Colors

YUV(100.6280, -49.6096,
-1.4278)

Have a look what the booklet for
YUV(100.6280, -49.6096, -1.4278)
contains.

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Color

**YUV(100.6280, -49.6096,
-1.4278)**

Conversions

Conversions Part 1

Format	Color
Hex	637900
RGB	99, 121, 0
RGB Percent	39%, 47%, 0%
CMY	0.6118, 0.5255, 1.0000
CMYK	0.18, 0.00, 1.00, 0.53
HSL	71°, 100%, 24%
HSV	71°, 100%, 47%
XYZ	11.9830, 16.3274, 2.5199
YIQ	100.6280, 25.7290, -42.2950

Conversions

Conversions Part 2

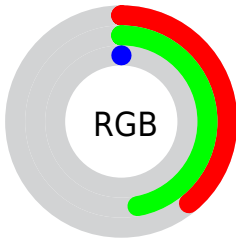
Format	Color
RYB	0, 121, 22
Decimal	6519040
CIELab	47.40, -22.57, 52.32
CIELCh	47, 56.976, 113.333
Yxy	16.3274, 0.3887, 0.5296
Android (android.graphics.Color)	4284709120 (0xFF637900)
YUV	100.6280, -49.6096, -1.4278
Hunter-Lab	40.4072, -17.7774, 24.5875

Details

The YUV color **100.6280, -49.6096, -1.4278** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **20.3720, 49.6096, 1.4278**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.5940, -44.6628, -1.3979**, and **56.6160, -27.9117, -7.5562** is the 20% darker color. If you saturate the color by 10%, you get **100.6280, -49.6096, -1.4278**, and if you desaturate by 10%, it is **102.5940, -44.6628, -1.3979**.

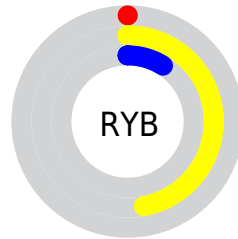
Distribution



Red (39%)

Green (47%)

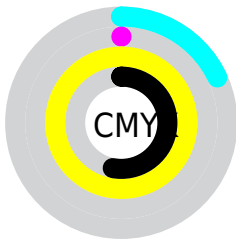
Blue (0%)



Red (0%)

Yellow (47%)

Blue (9%)

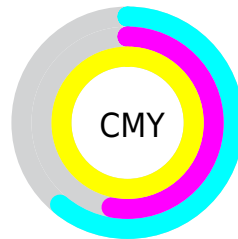


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (61%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.6280, -49.6096, -1.4278 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 100.6280, -49.6096, -1.4278 by changing the saturation by 10% instead.

■ 100.6280,
-49.6096, -1.4278

■ 100.6280,
-49.6096, -1.4278

■ 255.0000, 0.0000,
0.0000

■ 78.1790, -38.5422,
-4.5420

■ 154.5940,
-44.6628, -1.3979

■ 56.6160, -27.9117,
-7.5562

■ 182.3660,
-45.5364, -1.1980

■ 35.6290, -17.5651,
-12.8296

■ 210.4370,
-46.5574, -0.3832

■ 17.6100, -8.6817,
-15.4440


■ 237.4480,
-46.5629, 1.3611


■ 0.0000, 0.0000,
0.0000


■ 245.3100,
-37.1278, 8.4981


■ 248.6160,


-24.4607, 5.5988


 251.8080,
-12.2303, 2.7994


 100.6280,
-49.6096, -1.4278

 102.5940,
-44.6628, -1.3979

 104.5600,
-39.7161, -1.3681

 106.8250,
-34.9167, -0.7235

 108.7910,
-29.9700, -0.6937

 110.7570,
-25.0232, -0.6639

■ 112.8370,
-19.6396, -0.7340

■ 114.8030,
-14.6929, -0.7042

■ 117.0680, -9.8935,
-0.0596

■ 119.0340, -4.9468,
-0.0298

Harmonies

Analogous

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



105.2780, -51.9021, 33.9592



100.6280, -49.6096, -1.4278



89.8980, -19.1767, -56.0385

Triad

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



100.6280, -49.6096, -1.4278



98.4430, 44.6446, -86.3345



109.2260, 7.7766, 72.5928

Complementary

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



100.6280, -49.6096, -1.4278



20.3720, 49.6096, 1.4278

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.



115.0550, 27.0879, 38.5398



100.6280, -49.6096, -1.4278



94.7390, 55.8377, -83.0861

Square

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



100.6280, -49.6096, -1.4278



95.6440, 26.3045, -83.8798



110.5730, 44.5805, -18.9195



107.1240, -14.3581, 78.8213

Rectangle

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



100.6280, -49.6096, -1.4278



87.5330, -2.2348, -76.7664



110.5730, 44.5805, -18.9195



111.3050, 14.6396, 64.6305

Sweetspot

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



100.6280, -49.6096, -1.4278



149.9510, -19.2028, -0.8340



47.9190, -23.6241, 64.0920



74.3130, -11.4933, -0.2745



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



100.6280, -49.6096, -1.4278



131.3170, -64.7393, -2.0320



82.9870, -40.9126, -37.6996



60.0170, -2.4734, -0.0149



103.8730, -51.2094, -1.6426



209.8170, -103.4398, -2.4705

Inverse Universe

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



20.3720, 49.6096, 1.4278



26.6830, 64.7393, 2.0320



38.0130, 40.9126, 37.6996



55.9830, 2.4734, 0.0149



21.1270, 51.2094, 1.6426



42.4820, 103.2924, 3.0853

Previews

White Background



This preview shows how the YUV color 100.6280, -49.6096, -1.4278 looks on a white 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

Black Background



This preview shows how the YUV color 100.6280, -49.6096, -1.4278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

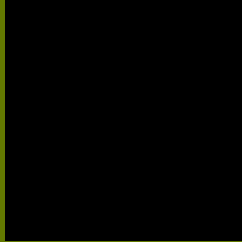
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.6280, -49.6096, -1.4278

Background



This preview shows how black text looks on a background with the YUV color 100.6280, -49.6096, -1.4278.



This preview shows how white text looks on a background with the YUV color 100.6280, -49.6096, -1.4278.

-1.4278.

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

100.6280, -49.6096, -1.4278

Protanopia

104.3040, -51.4219, 19.9044

Deuteranopia

107.6610, -42.7239, 30.1153



Tritanopia

112.1290, 4.3734, -2.7441

Trichromacy



Original Color

100.6280, -49.6096, -1.4278

Protanomaly

103.0750, -50.8160, 12.2122

Deuteranomaly

104.9000, -45.3067, 18.5047

Tritanomaly

107.6780, -15.1243, -2.3486

Monochromacy



Original Color

100.6280, -49.6096, -1.4278

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.5920, -18.0399, -0.5192

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.6280, -49.6096, -1.4278 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(99, 121, 0)` looks like.

```
.text, #text, p{  
    color:rgb(99, 121, 0)  
}
```

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(99, 121, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 121, 0) }
```

Border

The CSS property to change the border of an element to YUV 100.6280, -49.6096, -1.4278 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(99, 121, 0) }
```


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

```
.border{ border-color:rgb(99, 121, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 121, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 121, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 121, 0);  
box-shadow:4px 4px 4px 4px rgb(99, 121, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 100.6280, -49.6096, -1.4278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 121, 0) }
```

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

```
.background{ background-color: rgb(99, 121,  
0) }
```

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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