

Converting Colors

YUV(127.3200, 27.9432,
-49.3926)

Have a look what the booklet for
YUV(127.3200, 27.9432, -49.3926)
contains.

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Color

**YUV(127.3200, 27.9432,
-49.3926)**

Conversions

Conversions Part 1

Format	Color
Hex	4791B8
RGB	71, 145, 184
RGB Percent	28%, 57%, 72%
CMY	0.7216, 0.4314, 0.2784
CMYK	0.61, 0.21, 0.00, 0.28
HSL	201°, 44%, 50%
HSV	201°, 61%, 72%
XYZ	21.3757, 25.0511, 49.0561
YIQ	127.3200, -56.6230, -3.5590

Conversions

Conversions Part 2

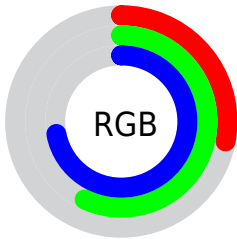
Format	Color
R_{YB}	71, 116, 184
Decimal	4690360
CIE _{Lab}	57.13, -11.13, -27.25
CIE _{LCh}	57, 29.432, 247.777
Yxy	25.0511, 0.2239, 0.2624
Android (android.graphics.Color)	4282880440 (0xFF4791B8)
YUV	127.3200, 27.9432, -49.3926
Hunter-Lab	50.0511, -11.3561, -23.0757

Details

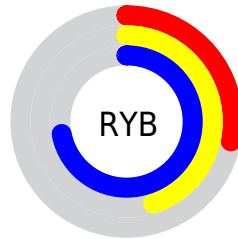
The YUV color **127.3200, 27.9432, -49.3926** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **127.6800, -27.9432, 49.3926**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.7440, 28.2272, -47.1335**, and **70.6990, 29.7284, -62.0030** is the 20% darker color. If you saturate the color by 10%, you get **118.4160, 32.3329, -57.3698**, and if you desaturate by 10%, it is **136.2240, 23.5536, -41.4154**.

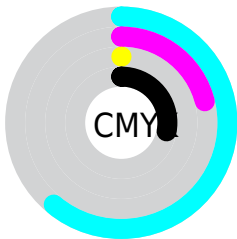
Distribution



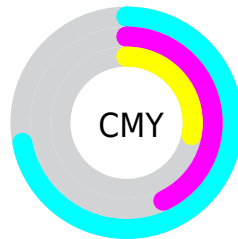
- Red (28%)
- Green (57%)
- Blue (72%)



- Red (28%)
- Yellow (45%)
- Blue (72%)



- Cyan (61%)
- Magenta (21%)
- Yellow (0%)
- Black (28%)



- Cyan (72%)
- Magenta (43%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.3200, 27.9432, -49.3926 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 127.3200, 27.9432, -49.3926 by changing the saturation by 10% instead.

■ 127.3200, 27.9432,
-49.3926

■ 127.3200, 27.9432,
-49.3926

■ 255.0000, 0.0000,
0.0000

■ 99.1130, 28.5383,
-53.5961

■ 182.7440, 28.2272,
-47.1335

■ 70.6990, 29.7284,
-62.0030

■ 209.5610, 22.4014,
-45.2190

■ 53.6470, 25.3170,
-47.0484

■ 234.6680, 10.0237,
-41.8048

■ 37.9970, 21.2005,
-33.3234

■ 243.3390, 5.7489,
-23.9763

■ 23.0480, 17.2313,
-20.2131

■ 252.3090, 1.3267,
-5.5330

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 127.3200, 27.9432,
-49.3926

■ 127.3200, 27.9432,
-49.3926

■ 118.4160, 32.3329,
-57.3698

■ 136.2240, 23.5536,
-41.4154

■ 108.6260, 37.1594,
-65.4470

■ 146.0140, 18.7271,
-33.3383

■ 99.7220, 41.5491,
-73.4242

■ 154.9180, 14.3374,
-25.3611

■ 91.4160, 45.6439,
-80.1718

■ 164.1210, 9.8003,
-16.7691

■ 173.6120, 5.1213,
-9.3067

■ 182.5160, 0.7316,
-1.3295

■ 191.7190, -3.8055,
7.2624

■ 201.2100, -8.4845,
14.7248

■ 210.4130,
-13.0216, 23.3168

Harmonies

Analogous

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



120.3580, 23.4875, -66.9660



127.3200, 27.9432, -49.3926



135.3390, 25.9619, -20.4683

Triad

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



127.3200, 27.9432, -49.3926



139.5260, -4.2033, 41.6347



131.9390, -17.7179, -10.4705

Complementary

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



127.3200, 27.9432, -49.3926



127.6800, -27.9432, 49.3926

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.



135.0620, -24.1876, 11.3466



127.3200, 27.9432, -49.3926



138.5400, -15.5492, 40.7454

Square

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



127.3200, 27.9432, -49.3926



140.6630, 8.0541, 30.1135



137.1120, -23.2262, 29.7198



127.4120, -5.1331, -33.6873

Rectangle

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



127.3200, 27.9432, -49.3926



138.9070, 21.2448, -0.7954



137.1120, -23.2262, 29.7198



133.1850, -20.7972, -2.7932

Sweetspot

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



127.3200, 27.9432, -49.3926



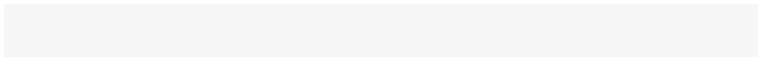
218.3380, 10.6794, -18.7134



141.6630, -16.1029, -61.9715



106.6440, 6.5845, -11.9658



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



127.3200, 27.9432, -49.3926



150.3840, 44.1807, -77.5128



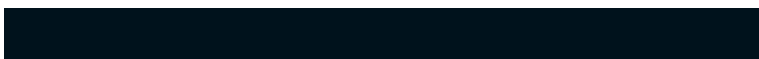
95.0350, 43.8597, -21.0787



87.5480, 2.1948, -3.9886



77.6580, 38.6226, -68.1061



13.7580, 7.0213, -12.0658

Inverse Universe

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



113.2230, 15.6661, 62.0714



128.4460, 24.4301, 97.8329



159.9650, -43.8597, 21.0787



86.3750, 1.2941, 4.9331



58.2720, 21.5579, 85.7075



10.4240, 3.7350, 15.4142

Previews

White Background



This preview shows how the YUV color 127.3200, 27.9432, -49.3926 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 127.3200, 27.9432, -49.3926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

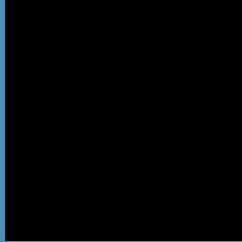
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.3200, 27.9432, -49.3926

Background



This preview shows how black text looks on a background with the YUV color 127.3200, 27.9432, -49.3926.

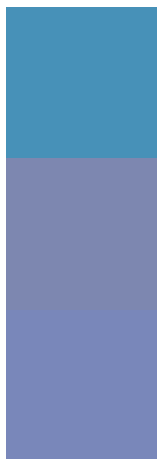


This preview shows how white text looks on a background with the YUV color 127.3200, 27.9432, -49.3926.

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

127.3200, 27.9432, -49.3926

Protanopia

136.6840, 19.3828, -10.2469

Deuteranopia

136.6280, 24.3404, -13.7058



Tritanopia

123.7570, 18.3608, -55.9149

Trichromacy



Original Color

127.3200, 27.9432, -49.3926

Protanomaly

133.3940, 22.4838, -24.9015

Deuteranomaly

133.4800, 25.3994, -26.7310

Tritanomaly

125.2780, 21.5549, -53.7408

Monochromacy



Original Color

127.3200, 27.9432, -49.3926

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.5230, 10.0952, -17.9987

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.3200, 27.9432, -49.3926 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(71, 145, 184)` looks like.

```
.text, #text, p{  
    color:rgb(71, 145, 184)  
}
```

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(71, 145, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 145, 184) }
```

Border

The CSS property to change the border of an element to YUV 127.3200, 27.9432, -49.3926 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(71, 145, 184) }
```


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

```
.border{ border-color:rgb(71, 145, 184) }
```

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

Here you see how a box with a 4 pixel rgb(71, 145, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 145, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 145, 184);  
box-shadow:4px 4px 4px 4px rgb(71, 145,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 127.3200, 27.9432, -49.3926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 145, 184) }
```

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

```
.background{ background-color: rgb(71, 145,  
184) }
```

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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