

Converting Colors

YUV(133.6960, 24.3069,
-49.7224)

Have a look what the booklet for
YUV(133.6960, 24.3069, -49.7224)
contains.

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Color

**YUV(133.6960, 24.3069,
-49.7224)**

Conversions

Conversions Part 1

Format	Color
Hex	4D99B7
RGB	77, 153, 183
RGB Percent	30%, 60%, 72%
CMY	0.6980, 0.4000, 0.2824
CMYK	0.58, 0.16, 0.00, 0.28
HSL	197°, 42%, 51%
HSV	197°, 58%, 72%
XYZ	22.9990, 27.7791, 48.9495
YIQ	133.6960, -54.9260, -6.7820

Conversions

Conversions Part 2

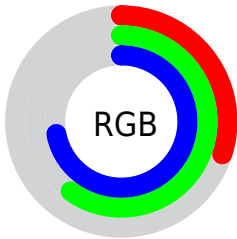
Format	Color
R_{YB}	77, 121, 183
Decimal	5085623
CIE _{Lab}	59.69, -14.67, -22.71
CIE _{LCh}	60, 27.040, 237.142
Yxy	27.7791, 0.2306, 0.2786
Android (android.graphics.Color)	4283275703 (0xFF4D99B7)
YUV	133.6960, 24.3069, -49.7224
Hunter-Lab	52.7059, -14.3441, -18.1702

Details

The YUV color **133.6960, 24.3069, -49.7224** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **126.3040, -24.3069, 49.7224**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.8210, 24.7382, -48.0780**, and **74.6940, 27.2659, -65.5066** is the 20% darker color. If you saturate the color by 10%, you get **125.3790, 28.4072, -58.2144**, and if you desaturate by 10%, it is **142.0130, 20.2066, -41.2304**.

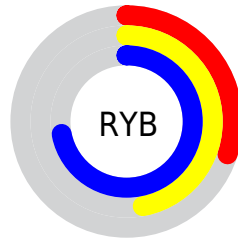
Distribution



Red (30%)

Green (60%)

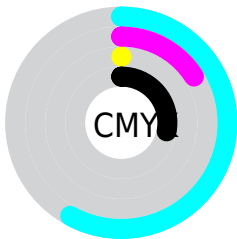
Blue (72%)



Red (30%)

Yellow (47%)

Blue (72%)

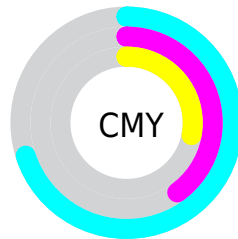


Cyan (58%)

Magenta (16%)

Yellow (0%)

Black (28%)



Cyan (70%)

Magenta (40%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.6960, 24.3069, -49.7224 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 133.6960, 24.3069, -49.7224 by changing the saturation by 10% instead.

■ 133.6960, 24.3069,
-49.7224

■ 133.6960, 24.3069,
-49.7224

■ 255.0000, 0.0000,
0.0000

■ 106.0870, 24.6071,
-52.6963

■ 188.8210, 24.7382,
-48.0780

■ 74.6940, 27.2659,
-65.5066

■ 216.3390, 19.0599,
-46.7783

■ 57.7560, 23.2913,
-50.6520

■ 236.1630, 9.2866,
-38.7310

■ 41.4050, 19.0273,
-36.3122

■ 244.8340, 5.0118,
-20.9024

■ 26.4560, 15.0582,
-23.2019

■ 253.5050, 0.7370,
-3.0739

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 133.6960, 24.3069,
-49.7224

■ 133.6960, 24.3069,
-49.7224

■ 125.3790, 28.4072,
-58.2144

■ 142.0130, 20.2066,
-41.2304

■ 116.7630, 32.6548,
-67.3212

■ 150.6290, 15.9589,
-32.1236

■ 107.8590, 37.0445,
-75.2983

■ 159.5330, 11.5692,
-24.1464

■ 99.5420, 41.1448,
-83.7903

■ 167.8500, 7.4690,
-15.6544

■ 97.7590, 42.0238,
-85.7346

■ 176.4660, 3.2213,
-6.5477

■ 184.7830, -0.8790,
1.9443

■ 193.1000, -4.9793,
10.4363

■ 201.4170, -9.0796,
18.9283

■ 210.6200,
-13.6167, 27.5203

Harmonies

Analogous

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



130.1160, 17.1978, -56.2297



133.6960, 24.3069, -49.7224



140.6540, 24.8206, -27.7606

Triad

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



133.6960, 24.3069, -49.7224



146.9320, 0.0335, 36.0166



140.2390, -19.3448, -1.9636

Complementary

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



133.6960, 24.3069, -49.7224



126.3040, -24.3069, 49.7224

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.



142.4480, -22.8989, 18.0241



133.6960, 24.3069, -49.7224



145.6800, -11.1812, 39.7456

Square

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



133.6960, 24.3069, -49.7224



147.7050, 10.9914, 21.3067



144.1600, -19.3059, 32.3087



136.6260, -9.6756, -23.3510

Rectangle

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



133.6960, 24.3069, -49.7224



144.0800, 22.1456, -9.7172



144.1600, -19.3059, 32.3087



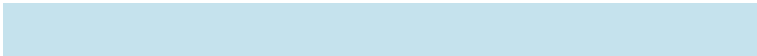
141.4140, -21.4031, 4.8989

Sweetspot

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



133.6960, 24.3069, -49.7224



218.5830, 9.0796, -18.9283



142.4140, -18.4451, -57.3681



108.7150, 5.5635, -11.1511



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.



133.6960, 24.3069, -49.7224



159.7770, 38.0709, -77.8574



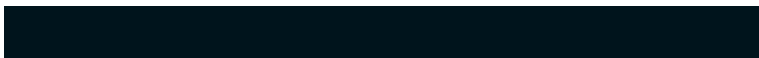
103.7590, 39.0658, -23.4676



87.5480, 2.1948, -3.9886



83.5280, 35.7287, -73.2541



14.9320, 6.4425, -13.0954

Inverse Universe

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



117.3580, 17.5715, 57.5680



134.2000, 27.5094, 90.1556



156.2410, -39.0658, 23.4676



86.3750, 1.2941, 4.9331



59.4120, 25.9259, 84.7077



10.6520, 4.6086, 15.2142

Previews

White Background



This preview shows how the YUV color 133.6960, 24.3069, -49.7224 looks on a white background.

Color Contrast Check

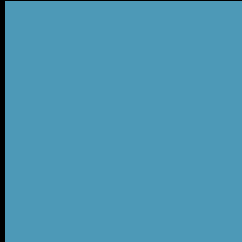
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.6960, 24.3069, -49.7224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

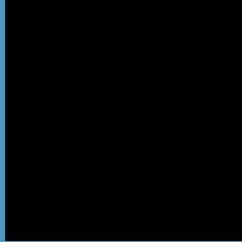
Any Text WCAG AA ✓ Pass

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 133.6960, 24.3069, -49.7224 Background



This preview shows how black text looks on a background with the YUV color 133.6960, 24.3069, -49.7224.

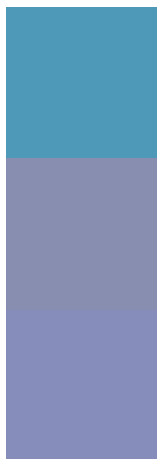


This preview shows how white text looks on a background with the YUV color 133.6960, 24.3069, -49.7224.

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

133.6960, 24.3069, -49.7224

Protanopia

143.6690, 15.4462, -7.6027

Deuteranopia

144.0370, 20.6878, -8.8024



Tritanopia

131.9530, 17.7712, -53.4558

Trichromacy



Original Color

133.6960, 24.3069, -49.7224

Protanomaly

140.0800, 18.6946, -22.8722

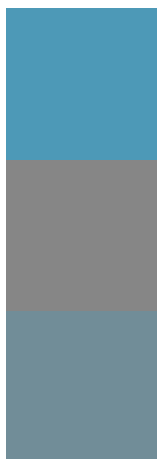
Deuteranomaly

139.9920, 22.1889, -23.6720

Tritanomaly

132.5340, 19.9497, -52.2113

Monochromacy



Original Color

133.6960, 24.3069, -49.7224

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.8820, 8.9322, -18.3135

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.6960, 24.3069, -49.7224 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(77, 153, 183)` looks like.

```
.text, #text, p{  
    color:rgb(77, 153, 183)  
}
```

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(77, 153, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 153, 183) }
```

Border

The CSS property to change the border of an element to YUV 133.6960, 24.3069, -49.7224 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(77, 153, 183) }
```


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

```
.border{ border-color:rgb(77, 153, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 153, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 153, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 153, 183);  
box-shadow:4px 4px 4px 4px rgb(77, 153,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 133.6960, 24.3069, -49.7224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 153, 183) }
```

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

```
.background{ background-color: rgb(77, 153,  
183) }
```

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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