

Converting Colors

YUV(149.3170, -17.9043,
-44.1280)

Have a look what the booklet for
YUV(149.3170, -17.9043, -44.1280)
contains.

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Color

**YUV(149.3170, -17.9043,
-44.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	63B671
RGB	99, 182, 113
RGB Percent	39%, 71%, 44%
CMY	0.6118, 0.2863, 0.5569
CMYK	0.46, 0.00, 0.38, 0.29
HSL	130°, 36%, 55%
HSV	130°, 46%, 71%
XYZ	24.8542, 37.3008, 21.5126
YIQ	149.3170, -27.3190, -39.0550

Conversions

Conversions Part 2

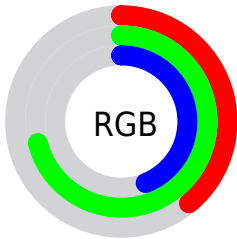
Format	Color
RYB	99, 170, 182
Decimal	6534769
CIELab	67.50, -40.19, 27.48
CIELCh	68, 48.686, 145.633
Yxy	37.3008, 0.2971, 0.4458
Android (android.graphics.Color)	4284724849 (0xFF63B671)
YUV	149.3170, -17.9043, -44.1280
Hunter-Lab	61.0744, -34.2397, 21.8680

Details

The YUV color **149.3170, -17.9043, -44.1280** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **131.6830, 17.9043, 44.1280**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.1490, -19.7935, -44.8577**, and **95.2890, -15.4255, -45.8575** is the 20% darker color. If you saturate the color by 10%, you get **142.2250, -21.8029, -53.6943**, and if you desaturate by 10%, it is **156.4090, -14.0056, -34.5617**.

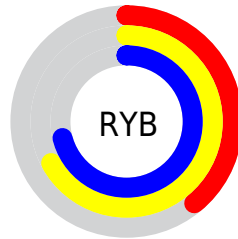
Distribution



Red (39%)

Green (71%)

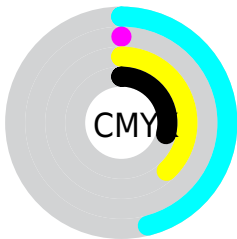
Blue (44%)



Red (39%)

Yellow (67%)

Blue (71%)

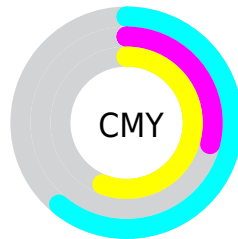


Cyan (46%)

Magenta (0%)

Yellow (38%)

Black (29%)



Cyan (61%)

Magenta (29%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.3170, -17.9043, -44.1280 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 149.3170, -17.9043, -44.1280 by changing the saturation by 10% instead.

■ 149.3170,
-17.9043, -44.1280

■ 149.3170,
-17.9043, -44.1280

■ 255.0000, 0.0000,
0.0000

■ 122.5450,
-17.0307, -44.3280

■ 205.1490,
-19.7935, -44.8577

■ 95.2890, -15.4255,
-45.8575

■ 226.1050,
-16.3208, -38.6801

■ 66.0320, -12.3408,
-55.2791

■ 237.9680, -8.3652,
-23.6509

■ 47.8380, -14.7101,
-41.9539

■ 249.9450, 0.0271,
-8.7218

■ 31.6980, -15.6271,
-27.7991

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,

0.0000

■ 149.3170,
-17.9043, -44.1280

■ 149.3170,
-17.9043, -44.1280

■ 142.2250,
-21.8029, -53.6943

■ 156.4090,
-14.0056, -34.5617

■ 135.1330,
-25.7016, -63.2606

■ 163.5010,
-10.1070, -24.9954

■ 127.7420,
-29.4528, -73.4417

■ 170.8920, -6.3558,
-14.8143

■ 120.5360,
-33.7882, -82.9081

■ 178.0980, -2.0203,
-5.3479

■ 113.4440,
-37.6869, -92.4744

■ 185.1900, 1.8783,
4.2184

■ 110.3680,
-39.1284, -96.7927

■ 192.2820, 5.7770,
13.7847

■ 199.3740, 9.6756,
23.3510

■ 206.7650, 13.4269,
33.5321

■ 211.4650, 18.5048,
38.1802

Harmonies

Analogous

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



156.6460, -36.8005, -3.1975



149.3170, -17.9043, -44.1280



126.9660, 14.3138, -111.3492

Triad

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



149.3170, -17.9043, -44.1280



149.1380, 50.7110, -72.0350



164.5700, -17.5360, 71.4141

Complementary

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



149.3170, -17.9043, -44.1280



131.6830, 17.9043, 44.1280

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.



167.2160, 2.8515, 65.5856



149.3170, -17.9043, -44.1280



165.7440, 38.5802, -7.6685

Square

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



149.3170, -17.9043, -44.1280



133.1510, 50.7046, -116.7734



169.7900, 22.2885, 37.8952



163.6010, -34.8063, 57.3549

Rectangle

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



149.3170, -17.9043, -44.1280



131.0870, 27.5651, -114.9633



169.7900, 22.2885, 37.8952



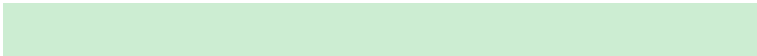
165.2910, -10.9895, 71.6588

Sweetspot

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



149.3170, -17.9043, -44.1280



224.0550, -6.9291, -17.5882



168.3520, -34.1905, -0.3087



111.7830, -4.3300, -11.2107



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.



149.3170, -17.9043, -44.1280



185.8180, -28.0113, -69.1234



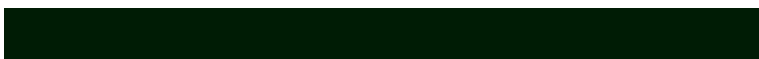
153.9910, 0.0044, -48.2271



88.3970, -2.1677, -4.7332



94.5360, -33.7882, -82.9081



17.0060, -5.9190, -14.9143

Inverse Universe

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



131.6830, 17.9043, 44.1280



158.1820, 28.0113, 69.1234



127.0090, -0.0044, 48.2271



86.4890, 1.7309, 4.8331



61.3500, 33.3514, 83.0081



10.9940, 5.9190, 14.9143

Previews

White Background



This preview shows how the YUV color 149.3170, -17.9043, -44.1280 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 149.3170, -17.9043, -44.1280 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 ✓ Pass

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

YUV 149.3170, -17.9043, -44.1280 Background



This preview shows how black text looks on a background with the YUV color 149.3170, -17.9043, -44.1280.



This preview shows how white text looks on a background with the YUV color 149.3170, -17.9043, -44.1280.

-44.1280.

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

149.3170, -17.9043, -44.1280

Protanopia

160.8730, -27.5454, 15.0204

Deuteranopia

163.7310, -22.0524, 26.5459



Tritanopia

157.2540, 14.6648, -37.0568

Trichromacy



Original Color

149.3170, -17.9043, -44.1280

Protanomaly

156.6530, -23.9859, -6.7117

Deuteranomaly

158.3210, -20.3713, 0.5955

Tritanomaly

154.1430, 2.8875, -39.5904

Monochromacy



Original Color

149.3170, -17.9043, -44.1280

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.1800, -6.4977, -15.9439

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.3170, -17.9043, -44.1280 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, 182, 113)` looks like.

```
.text, #text, p{  
    color:rgb(99, 182, 113)  
}
```

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, 182, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 182, 113) }
```

Border

The CSS property to change the border of an element to YUV 149.3170, -17.9043, -44.1280 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, 182, 113) }
```


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

```
.border{ border-color:rgb(99, 182, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 182, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 182, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 182, 113);  
box-shadow:4px 4px 4px 4px rgb(99, 182,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 149.3170, -17.9043, -44.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 182, 113) }
```

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

```
.background{ background-color: rgb(99, 182,  
113) }
```

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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