

Converting Colors

YUV(149.8370, 20.2934,
-69.1400)

Have a look what the booklet for
YUV(149.8370, 20.2934, -69.1400)
contains.

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Color

**YUV(149.8370, 20.2934,
-69.1400)**

Conversions

Conversions Part 1

Format	Color
Hex	47B6BF
RGB	71, 182, 191
RGB Percent	28%, 71%, 75%
CMY	0.7216, 0.2863, 0.2510
CMYK	0.63, 0.05, 0.00, 0.25
HSL	184°, 48%, 51%
HSV	184°, 63%, 75%
XYZ	28.7305, 38.5571, 55.2182
YIQ	149.8370, -69.0450, -20.7330

Conversions

Conversions Part 2

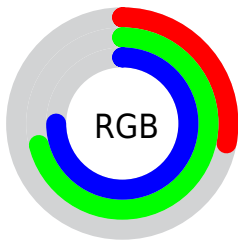
Format	Color
RYB	71, 129, 191
Decimal	4699839
CIELab	68.43, -28.36, -13.92
CIElCh	68, 31.592, 206.151
Yxy	38.5571, 0.2345, 0.3147
Android (android.graphics.Color)	4282889919 (0xFF47B6BF)
YUV	149.8370, 20.2934, -69.1400
Hunter-Lab	62.0943, -26.0749, -9.2584




Details

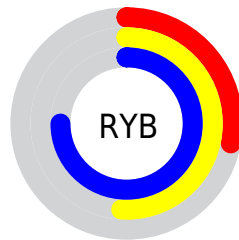
The YUV color **149.8370, 20.2934, -69.1400** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **112.1630, -20.2934, 69.1400**, and the grayscale version is **150.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **207.3320, 19.5563, -66.0662**, and **91.4550, 22.9467, -80.2060** is the 20% darker color. If you saturate the color by 10%, you get **143.5690, 23.3835, -80.3060**, and if you desaturate by 10%, it is **156.1050, 17.2032, -57.9741**.

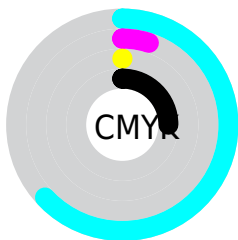
Distribution







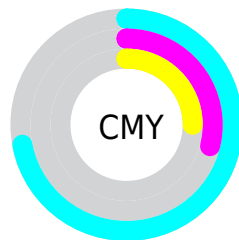
-  Red (28%)
-  Green (71%)
-  Blue (75%)






-  Red (28%)
-  Yellow (51%)
-  Blue (75%)



-  Cyan (63%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (25%)



-  Cyan (72%)
-  Magenta (29%)
-  Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8370, 20.2934, -69.1400 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 149.8370, 20.2934, -69.1400 by changing the saturation by 10% instead.

■ 149.8370, 20.2934,
-69.1400

■ 149.8370, 20.2934,
-69.1400

■ 255.0000, 0.0000,
0.0000

■ 119.5480, 21.9148,
-75.9026

■ 207.3320, 19.5563,
-66.0662

■ 91.4550, 22.9467,
-80.2060

■ 227.1930, 13.7089,
-57.1743

■ 73.2290, 19.1141,
-64.2218

■ 235.8640, 9.4340,
-39.3457

■ 56.4050, 15.5763,
-49.4672

■ 244.8340, 5.0118,
-20.9024

■ 39.5810, 12.0386,
-34.7125

■ 253.8040, 0.5896,
-2.4591

■ 25.3330, 8.2168,
-22.2170

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 149.8370, 20.2934,
-69.1400

■ 149.8370, 20.2934,
-69.1400

■ 143.5690, 23.3835,
-80.3060

■ 156.1050, 17.2032,
-57.9741

■ 136.7140, 26.7630,
-90.9572

■ 162.9600, 13.8237,
-47.3229

■ 130.4460, 29.8531,
-102.1231

■ 169.2280, 10.7336,
-36.1570

■ 125.6730, 32.2062,
-110.2152

■ 176.0830, 7.3541,
-25.5058

■ 182.6500, 4.1165,
-13.7251

■ 189.5050, 0.7370,
-3.0739

■ 195.7730, -2.3531,
8.0921

■ 202.0410, -5.4432,
19.2580

■ 208.8960, -8.8227,
29.9092

Harmonies

Analogous

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



153.4080, 4.2359, -52.1008



149.8370, 20.2934, -69.1400



153.5850, 29.2916, -61.9030

Triad

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



149.8370, 20.2934, -69.1400



171.1230, 13.7434, 25.3251



165.6180, -27.4197, 21.3830

Complementary

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



149.8370, 20.2934, -69.1400



112.1630, -20.2934, 69.1400

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.



167.4660, -23.4007, 39.0563



149.8370, 20.2934, -69.1400



171.0900, 0.4486, 42.8941

Square

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



149.8370, 20.2934, -69.1400



168.9930, 24.1605, -2.6249



169.2680, -12.9501, 47.1230



162.8000, -23.5654, -1.5786

Rectangle

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



149.8370, 20.2934, -69.1400



159.7380, 30.6952, -45.3742



169.2680, -12.9501, 47.1230



166.4770, -26.8572, 27.6457

Sweetspot

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



149.8370, 20.2934, -69.1400



231.1860, 7.7963, -27.3501



142.3520, -31.2325, -62.5757



115.1550, 4.8536, -16.7989



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



149.8370, 20.2934, -69.1400



183.4670, 31.3218, -106.5266



115.2040, 37.3674, -38.7669



91.3090, 1.3267, -5.5330



103.7140, 26.7630, -90.9572



19.9700, 5.4378, -17.5137

Inverse Universe

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



119.5340, 30.7957, 62.6757



136.8090, 47.4222, 96.6375



146.7960, -37.3674, 38.7669



88.7170, 2.6045, 4.6332



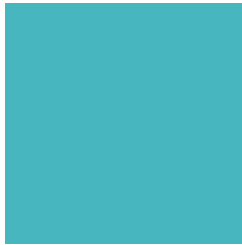
63.8860, 40.4822, 82.5380



12.4610, 7.6607, 16.2587

Previews

White Background



This preview shows how the YUV color 149.8370, 20.2934, -69.1400 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 149.8370, 20.2934, -69.1400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

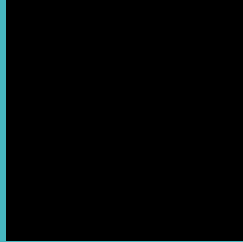
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.8370, 20.2934, -69.1400

Background



This preview shows how black text looks on a background with the YUV color 149.8370, 20.2934, -69.1400.



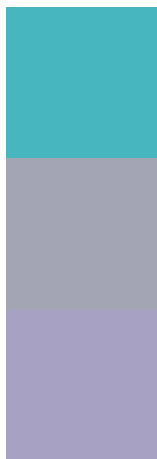
This preview shows how white text looks on a background with the YUV color 149.8370, 20.2934, -69.1400.

-69.1400.

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

149.8370, 20.2934, -69.1400

Protanopia

166.4110, 6.6994, -2.1144

Deuteranopia

167.2570, 13.6773, -0.2254



Tritanopia

150.4180, 22.4719, -67.8956

Trichromacy



Original Color

149.8370, 20.2934, -69.1400

Protanomaly

160.2230, 11.7221, -26.5056

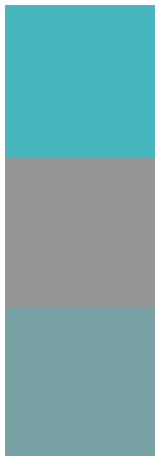
Deuteranomaly

160.7870, 16.3740, -25.2462

Tritanomaly

149.8910, 21.7457, -68.3104

Monochromacy



Original Color

149.8370, 20.2934, -69.1400

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0830, 7.3541, -25.5058

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8370, 20.2934, -69.1400 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, 182, 191)` looks like.

```
.text, #text, p{  
    color:rgb(71, 182, 191)  
}
```

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, 182, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 182, 191) }
```

Border

The CSS property to change the border of an element to YUV 149.8370, 20.2934, -69.1400 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, 182, 191) }
```


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

```
.border{ border-color:rgb(71, 182, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 182, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 182, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 182, 191);  
box-shadow:4px 4px 4px 4px rgb(71, 182,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 149.8370, 20.2934, -69.1400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 182, 191) }
```

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

```
.background{ background-color: rgb(71, 182,  
191) }
```

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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