

Converting Colors

YUV(149.8410, 20.7844,
-86.6836)

Have a look what the booklet for
YUV(149.8410, 20.7844, -86.6836)
contains.

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Color

**YUV(149.8410, 20.7844,
-86.6836)**

Conversions

Conversions Part 1

Format	Color
Hex	33C0C0
RGB	51, 192, 192
RGB Percent	20%, 75%, 75%
CMY	0.8000, 0.2471, 0.2471
CMYK	0.73, 0.00, 0.00, 0.25
HSL	180°, 58%, 48%
HSV	180°, 73%, 75%
XYZ	29.7293, 42.2089, 56.4494
YIQ	149.8410, -84.0360, -29.8920

Conversions

Conversions Part 2

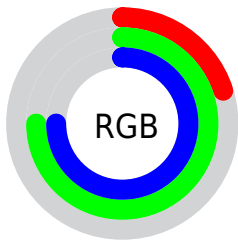
Format	Color
RYB	51, 122, 192
Decimal	3391680
CIELab	71.01, -35.66, -10.64
CIELCh	71, 37.212, 196.619
Yxy	42.2089, 0.2316, 0.3288
Android (android.graphics.Color)	4281581760 (0xFF33C0C0)
YUV	149.8410, 20.7844, -86.6836
Hunter-Lab	64.9683, -32.0136, -6.0378

Details

The YUV color **149.8410, 20.7844, -86.6836** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **93.1590, -20.7844, 86.6836**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3150, 18.5787, -79.2063**, and **96.8520, 20.7790, -84.9392** is the 20% darker color. If you saturate the color by 10%, you get **144.1600, 23.5851, -98.3643**, and if you desaturate by 10%, it is **155.5220, 17.9837, -75.0028**.

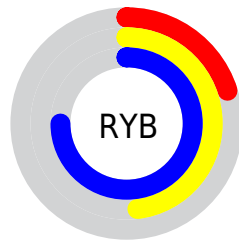
Distribution



Red (20%)

Green (75%)

Blue (75%)



Red (20%)

Yellow (48%)

Blue (75%)

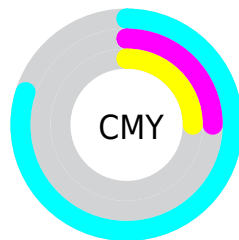


Cyan (73%)

Magenta (0%)

Yellow (0%)

Black (25%)



Cyan (80%)

Magenta (25%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8410, 20.7844, -86.6836 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 149.8410, 20.7844, -86.6836 by changing the saturation by 10% instead.

■ 149.8410, 20.7844,
-86.6836

■ 149.8410, 20.7844,
-86.6836

■ 255.0000, 0.0000,
0.0000

■ 115.6650, 24.3222,
-101.4382

■ 210.3150, 18.5787,
-79.2063

■ 96.8520, 20.7790,
-84.9392

■ 223.9040, 15.3303,
-63.9368

■ 78.6260, 16.9464,
-68.9550

■ 232.8740, 10.9081,
-45.4935

■ 61.2150, 13.6980,
-53.6856

■ 242.1430, 6.3385,
-26.4354

■ 44.3910, 10.1602,
-38.9309

■ 251.1130, 1.9163,
-7.9921

■ 28.9690, 6.9173,
-25.4058

■ 7.4320, 8.1680,

-6.5179

■ 0.0000, 0.0000,
0.0000

■ 149.8410, 20.7844,
-86.6836

■ 149.8410, 20.7844,
-86.6836

■ 144.1600, 23.5851,
-98.3643

■ 155.5220, 17.9837,
-75.0028

■ 138.4790, 26.3859,
-110.0451

■ 161.2030, 15.1829,
-63.3220

■ 134.5920, 28.3021,
-118.0372

■ 167.1830, 12.2348,
-51.0265

■ 172.8640, 9.4340,
-39.3457

■ 178.5450, 6.6333,
-27.6650

■ 184.2260, 3.8326,
-15.9842

■ 189.9070, 1.0318,
-4.3034

■ 195.8870, -1.9163,
7.9921

■ 201.5680, -4.7170,
19.6729

Harmonies

Analogous

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



158.7190, -0.8475, -55.0046



149.8410, 20.7844, -86.6836



149.7060, 35.6409, -91.8272

Triad

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



149.8410, 20.7844, -86.6836



178.0390, 21.1798, 20.1368



173.1310, -32.1096, 32.3341

Complementary

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



149.8410, 20.7844, -86.6836



93.1590, -20.7844, 86.6836

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.



174.7170, -24.0175, 50.2372



149.8410, 20.7844, -86.6836



177.8930, 5.9688, 45.6978

Square

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



149.8410, 20.7844, -86.6836



174.2670, 31.9134, -16.0202



176.4200, -10.0671, 55.7597



169.7210, -30.4285, 6.3837

Rectangle

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



149.8410, 20.7844, -86.6836



159.3050, 37.3176, -69.5505



176.4200, -10.0671, 55.7597



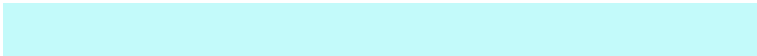
173.9300, -30.5315, 39.5264

Sweetspot

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



149.8410, 20.7844, -86.6836



233.5550, 8.1074, -33.8127



133.7670, -40.8041, -72.5867



115.1330, 4.8644, -20.2876



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.



149.8410, 20.7844, -86.6836



184.2200, 32.4295, -135.2509



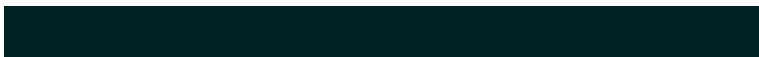
108.7510, 41.0418, -50.6476



94.0100, 1.4741, -6.1478



112.8610, 23.7325, -98.9791



23.1330, 4.8644, -20.2876

Inverse Universe

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



109.2330, 40.8041, 72.5867



120.8600, 63.6660, 113.2558



134.8360, -41.3311, 50.1328



91.1300, 2.8939, 5.1480



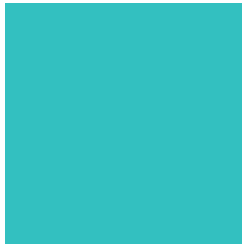
66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 149.8410, 20.7844, -86.6836 looks on a white background.

Color Contrast Check

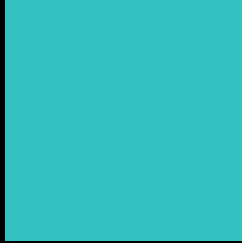
Large Text (above 18pt) WCAG AA × Fail

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 149.8410, 20.7844, -86.6836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

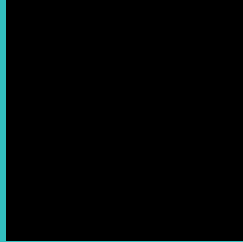
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

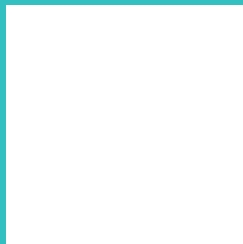
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.8410, 20.7844, -86.6836

Background



This preview shows how black text looks on a background with the YUV color 149.8410, 20.7844, -86.6836.

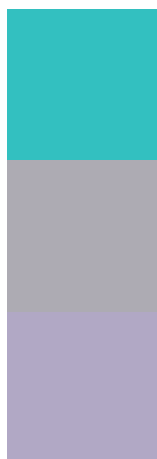


This preview shows how white text looks on a background with the YUV color 149.8410, 20.7844, -86.6836.

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

149.8410, 20.7844, -86.6836

Protanopia

172.5100, 3.1996, 0.4297

Deuteranopia

173.9970, 11.3405, 2.6336



Tritanopia

152.8400, 25.7149, -81.4207

Trichromacy



Original Color

149.8410, 20.7844, -86.6836

Protanomaly

164.6200, 9.5543, -31.2387

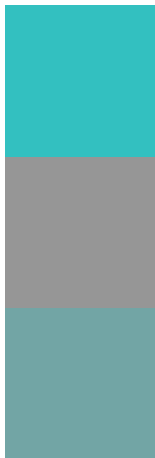
Deuteranomaly

165.2980, 14.6431, -30.0793

Tritanomaly

151.9600, 23.6837, -83.2799

Monochromacy



Original Color

149.8410, 20.7844, -86.6836

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.7510, 7.5178, -31.3536

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8410, 20.7844, -86.6836 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(51, 192, 192)` looks like.

```
.text, #text, p{  
    color:rgb(51, 192, 192)  
}
```

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(51, 192, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 192, 192) }
```

Border

The CSS property to change the border of an element to YUV 149.8410, 20.7844, -86.6836 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(51, 192, 192) }
```


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

```
.border{ border-color:rgb(51, 192, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 192, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 192, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 192, 192);  
box-shadow:4px 4px 4px 4px rgb(51, 192,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 149.8410, 20.7844, -86.6836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 192, 192) }
```

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

```
.background{ background-color: rgb(51, 192,  
192) }
```

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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