

Converting Colors

YUV(149.5710, 13.5225,
-90.8318)

Have a look what the booklet for
YUV(149.5710, 13.5225, -90.8318)
contains.

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Color

**YUV(149.5710, 13.5225,
-90.8318)**

Conversions

Conversions Part 1

Format	Color
Hex	2EC5B1
RGB	46, 197, 177
RGB Percent	18%, 77%, 69%
CMY	0.8196, 0.2275, 0.3059
CMYK	0.77, 0.00, 0.10, 0.23
HSL	172°, 62%, 48%
HSV	172°, 77%, 77%
XYZ	29.0288, 43.6877, 48.4976
YIQ	149.5710, -83.5760, -38.2320

Conversions

Conversions Part 2

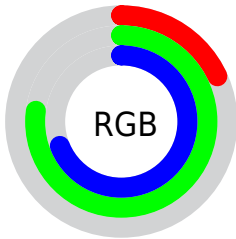
Format	Color
RYB	46, 127, 197
Decimal	3065265
CIELab	72.02, -42.67, -0.98
CIELCh	72, 42.686, 181.318
Yxy	43.6877, 0.2395, 0.3604
Android (android.graphics.Color)	4281255345 (0xFF2EC5B1)
YUV	149.5710, 13.5225, -90.8318
Hunter-Lab	66.0967, -37.2743, 2.7644

Details

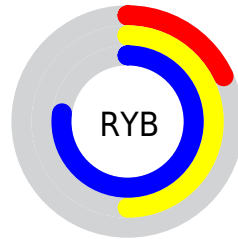
The YUV color **149.5710, 13.5225, -90.8318** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **93.4290, -13.5225, 90.8318**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.6430, 11.0220, -82.1249**, and **97.6040, 13.5062, -85.5987** is the 20% darker color. If you saturate the color by 10%, you get **143.2490, 15.1602, -102.8274**, and if you desaturate by 10%, it is **155.8930, 11.8848, -78.8362**.

Distribution



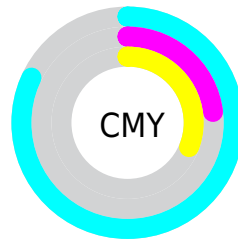
- Red (18%)
- Green (77%)
- Blue (69%)



- Red (18%)
- Yellow (50%)
- Blue (77%)



- Cyan (77%)
- Magenta (0%)
- Yellow (10%)
- Black (23%)



- Cyan (82%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.5710, 13.5225, -90.8318 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 149.5710, 13.5225, -90.8318 by changing the saturation by 10% instead.

■ 149.5710, 13.5225,
-90.8318

■ 149.5710, 13.5225,
-90.8318

■ 255.0000, 0.0000,
0.0000

■ 116.3030, 16.6126,
-101.9977

■ 210.6430, 11.0220,
-82.1249

■ 97.6040, 13.5062,
-85.5987

■ 223.0070, 15.7725,
-65.7811

■ 79.4920, 10.1104,
-69.7145

■ 231.9770, 11.3503,
-47.3378

■ 62.0810, 6.8621,
-54.4450

■ 241.2460, 6.7807,
-28.2797

■ 44.7840, 4.0505,
-39.2756

■ 250.2160, 2.3585,
-9.8364

■ 29.4760, 1.2443,
-25.8505

■ 9.2440, -0.1203,

-8.1070

■ 0.0000, 0.0000,
0.0000

■ 149.5710, 13.5225,
-90.8318

■ 149.5710, 13.5225,
-90.8318

■ 143.2490, 15.1602,
-102.8274

■ 155.8930, 11.8848,
-78.8362

■ 137.3400, 17.0874,
-114.3082

■ 161.8020, 9.9576,
-67.3554

■ 135.1330, 17.6824,
-118.5116

■ 168.1240, 8.3199,
-55.3597

■ 174.3320, 6.2453,
-43.2642

■ 180.6540, 4.6076,
-31.2686

■ 186.6770, 3.1172,
-19.8877

■ 192.8850, 1.0427,
-7.7921

■ 199.2070, -0.5951,
4.2035

■ 205.1160, -2.5222,
15.6843

Harmonies

Analogous

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



162.7990, -12.2259, -45.4277



149.5710, 13.5225, -90.8318



139.6760, 37.6277, -122.4959

Triad

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



149.5710, 13.5225, -90.8318



179.8610, 31.1275, 2.7529



176.0020, -33.0320, 48.2332

Complementary

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



149.5710, 13.5225, -90.8318



93.4290, -13.5225, 90.8318

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.



177.9450, -19.6929, 63.1922



149.5710, 13.5225, -90.8318



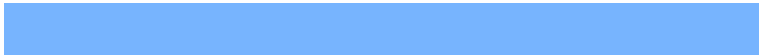
181.6070, 16.4627, 39.8097

Square

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



149.5710, 13.5225, -90.8318



170.1970, 41.3149, -44.8998



179.6300, -1.7896, 60.8375



173.5830, -37.7554, 23.1677

Rectangle

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



149.5710, 13.5225, -90.8318



140.1950, 47.2319, -122.9510



179.6300, -1.7896, 60.8375



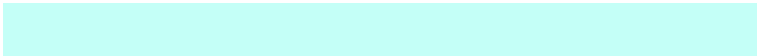
176.9580, -29.5593, 54.4108

Sweetspot

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



149.5710, 13.5225, -90.8318



236.4470, 5.2026, -35.4720



140.6170, -46.6462, -65.4391



116.6660, 3.1227, -21.6321



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



149.5710, 13.5225, -90.8318



181.2010, 21.0999, -141.3733



119.5660, 38.1750, -64.5174



96.1950, 0.8899, -5.4330



111.8690, 14.8546, -98.1091



24.6660, 3.1227, -21.6321

Inverse Universe

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



93.4290, -13.5225, 90.8318



93.7990, -21.0999, 141.3733



123.4340, -38.1750, 64.5174



92.8050, -0.8899, 5.4330



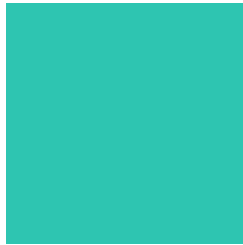
51.2450, -14.4178, 98.0091



11.3340, -3.1227, 21.6321

Previews

White Background



This preview shows how the YUV color 149.5710, 13.5225, -90.8318 looks on a white background.

Color Contrast Check

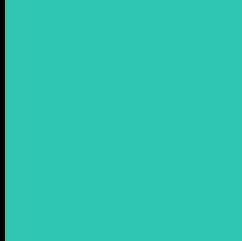
Large Text (above 18pt) WCAG AA × Fail

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 149.5710, 13.5225, -90.8318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

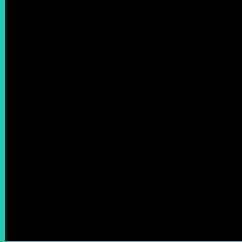
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

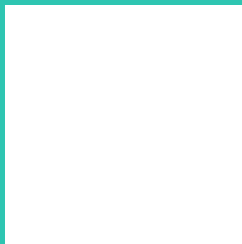
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.5710, 13.5225, -90.8318

Background



This preview shows how black text looks on a background with the YUV color 149.5710, 13.5225, -90.8318.



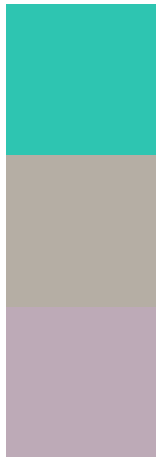
This preview shows how white text looks on a background with the YUV color 149.5710, 13.5225, -90.8318.

-90.8318.

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

149.5710, 13.5225, -90.8318

Protanopia

174.9530, -5.3998, 5.3032

Deuteranopia

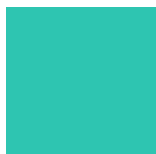
177.1630, 2.8776, 10.3810



Tritanopia

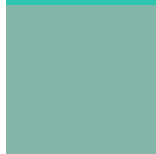
156.1500, 25.5621, -79.0615

Trichromacy



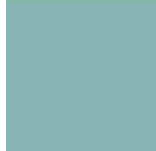
Original Color

149.5710, 13.5225, -90.8318



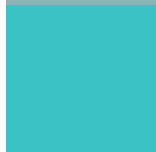
Protanomaly

165.5680, 1.6920, -29.4391



Deuteranomaly

167.2570, 6.7753, -26.5354



Tritanomaly

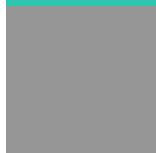
153.9770, 21.2103, -83.2948

Monochromacy



Original Color

149.5710, 13.5225, -90.8318



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.7570, 5.0498, -33.1129

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.5710, 13.5225, -90.8318 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(46, 197, 177)` looks like.

```
.text, #text, p{  
    color:rgb(46, 197, 177)  
}
```

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(46, 197, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 197, 177) }
```

Border

The CSS property to change the border of an element to YUV 149.5710, 13.5225, -90.8318 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(46, 197, 177) }
```


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

```
.border{ border-color:rgb(46, 197, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 197, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 197, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 197, 177);  
box-shadow:4px 4px 4px 4px rgb(46, 197,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 149.5710, 13.5225, -90.8318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 197, 177) }
```

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

```
.background{ background-color: rgb(46, 197,  
177) }
```

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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