

Converting Colors

YUV(146.2730, 5.2884,
-109.8644)

Have a look what the booklet for
YUV(146.2730, 5.2884, -109.8644)
contains.

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Color

**YUV(146.2730, 5.2884,
-109.8644)**

Conversions

Conversions Part 1

Format	Color
Hex	15D09D
RGB	21, 208, 157
RGB Percent	8%, 82%, 62%
CMY	0.9176, 0.1843, 0.3843
CMYK	0.90, 0.00, 0.25, 0.18
HSL	164°, 82%, 45%
HSV	164°, 90%, 82%
XYZ	28.9509, 47.7055, 39.5805
YIQ	146.2730, -95.0810, -55.5050

Conversions

Conversions Part 2

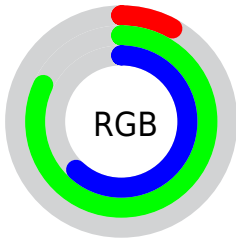
Format	Color
R_{YB}	21, 129, 208
Decimal	1429661
CIE _{Lab}	74.64, -54.27, 13.54
CIE _{LCh}	75, 55.930, 165.994
Yxy	47.7055, 0.2491, 0.4104
Android (android.graphics.Color)	4279619741 (0xFF15D09D)
YUV	146.2730, 5.2884, -109.8644
Hunter-Lab	69.0692, -46.0512, 14.3719

Details

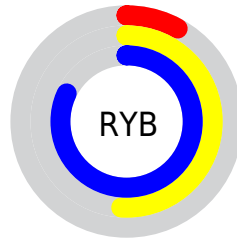
The YUV color **146.2730, 5.2884, -109.8644** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **82.7270, -5.2884, 109.8644**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1450, 2.8865, -86.0732**, and **101.3080, 2.3132, -88.8471** is the 20% darker color. If you saturate the color by 10%, you get **139.3100, 5.7632, -122.1749**, and if you desaturate by 10%, it is **153.2360, 4.8137, -97.5540**.

Distribution



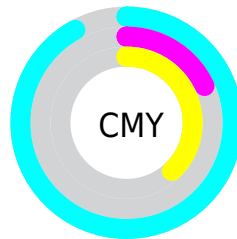
- Red (8%)
- Green (82%)
- Blue (62%)



- Red (8%)
- Yellow (51%)
- Blue (82%)



- Cyan (90%)
- Magenta (0%)
- Yellow (25%)
- Black (18%)



- Cyan (92%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.2730, 5.2884, -109.8644 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 146.2730, 5.2884, -109.8644 by changing the saturation by 10% instead.


 146.2730, 5.2884,
-109.8644


 146.2730, 5.2884,
-109.8644


255.0000, 0.0000,
0.0000

 120.5940, 5.1302,
-105.7609


 206.1450, 2.8865,
-86.0732


 101.3080, 2.3132,
-88.8471


 218.9050, 10.3998,
-69.1997


 82.6090, -0.7932,
-72.4481


 229.8840, 12.3822,
-51.6413

 64.7250, -3.3154,
-56.7638

 239.1530, 7.8126,
-32.5832

 47.5420, -5.6902,
-41.6943

 248.4220, 3.2430,
-13.5251

 31.7610, -7.7702,
-27.8544

 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 146.2730, 5.2884,
-109.8644

■ 146.2730, 5.2884,
-109.8644

■ 139.3100, 5.7632,
-122.1749

■ 153.2360, 4.8137,
-97.5540

■ 160.0850, 3.9021,
-85.1435

■ 166.7490, 3.5747,
-73.4479

■ 173.7120, 3.1000,
-61.1374

■ 180.5610, 2.1884,
-48.7270

■ 187.5240, 1.7137,
-36.4165

■ 194.4870, 1.2389,
-24.1061

■ 201.0370, 0.4748,
-12.3104

■ 208.0000, 0.0000,
0.0000

Harmonies

Analogous

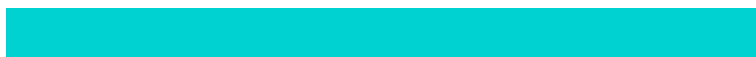
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168.6850, -29.4247, -35.6807



146.2730, 5.2884, -109.8644



147.2100, 30.9555, -129.1032

Triad

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



146.2730, 5.2884, -109.8644



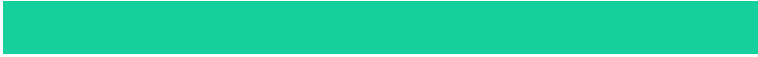
178.3840, 37.7717, -28.4008



178.8240, -32.9442, 66.8064

Complementary

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



146.2730, 5.2884, -109.8644



82.7270, -5.2884, 109.8644

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.



176.4370, -9.0894, 68.8998



146.2730, 5.2884, -109.8644



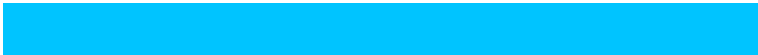
188.7810, 32.6460, 29.1331

Square

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



146.2730, 5.2884, -109.8644



144.1220, 54.6629, -126.3950



184.1260, 12.7559, 62.1565



180.2780, -48.4511, 47.1142

Rectangle

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



146.2730, 5.2884, -109.8644



149.7980, 45.9486, -131.3728



184.1260, 12.7559, 62.1565



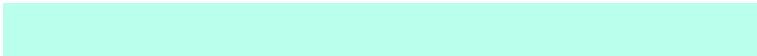
177.4850, -25.3821, 67.9807

Sweetspot

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



146.2730, 5.2884, -109.8644



232.2030, 1.8719, -40.5200



146.6160, -61.9287, -63.6842



114.3730, 0.8021, -24.0061



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.



146.2730, 5.2884, -109.8644



170.7750, 7.0129, -149.7697



128.0200, 39.4301, -93.8565



101.3690, 0.3111, -6.4626



112.5240, 4.6717, -98.6835



27.4870, 1.2389, -24.1061

Inverse Universe

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



82.7270, -5.2884, 109.8644



84.2250, -7.0129, 149.7697



100.9800, -39.4301, 93.8565



97.6310, -0.3111, 6.4626



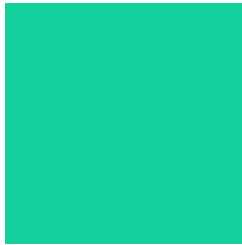
55.4760, -4.6717, 98.6835



13.5130, -1.2389, 24.1061

Previews

White Background



This preview shows how the YUV color 146.2730, 5.2884, -109.8644 looks on a white background.

Color Contrast Check

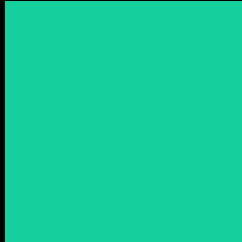
Large Text (above 18pt) WCAG AA × Fail

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 146.2730, 5.2884, -109.8644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

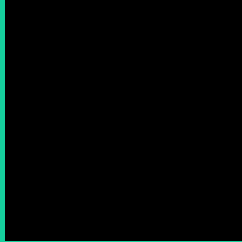
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

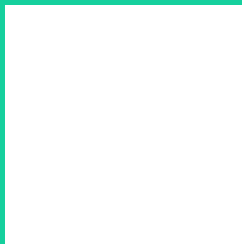
Any Text WCAG AAA ✓ Pass

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

YUV 146.2730, 5.2884, -109.8644 Background



This preview shows how black text looks on a background with the YUV color 146.2730, 5.2884, -109.8644.



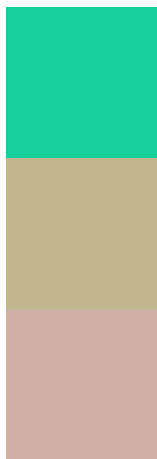
This preview shows how white text looks on a background with the YUV color 146.2730, 5.2884,

-109.8644.

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

146.2730, 5.2884, -109.8644

Protanopia

181.2560, -18.3672, 11.1765

Deuteranopia

183.6020, -9.6638, 19.6430



Tritanopia

162.6550, 26.2991, -82.1354

Trichromacy



Original Color

146.2730, 5.2884, -109.8644



Protanomaly

168.2720, -9.5011, -32.6875



Deuteranomaly

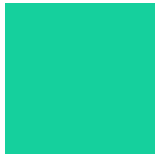
170.2710, -4.5706, -27.4247



Tritanomaly

156.9390, 18.7641, -92.0315

Monochromacy



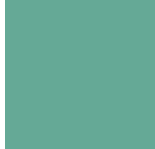
Original Color

146.2730, 5.2884, -109.8644



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.5020, 1.7245, -39.9053

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.2730, 5.2884, -109.8644 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(21, 208, 157)` looks like.

```
.text, #text, p{  
    color:rgb(21, 208, 157)  
}
```

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(21, 208, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 208, 157) }
```

Border

The CSS property to change the border of an element to YUV 146.2730, 5.2884, -109.8644 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(21, 208, 157) }
```


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

```
.border{ border-color:rgb(21, 208, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 208, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 208, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 208, 157);  
box-shadow:4px 4px 4px 4px rgb(21, 208,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 146.2730, 5.2884, -109.8644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 208, 157) }
```

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

```
.background{ background-color: rgb(21, 208,  
157) }
```

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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