

Converting Colors

YUV(142.2330, -10.9609,
-124.7383)

Have a look what the booklet for
YUV(142.2330, -10.9609, -124.7383)
contains.

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Color

**YUV(142.2330, -10.9609,
-124.7383)**

Conversions

Conversions Part 1

Format	Color
Hex	00DB78
RGB	0, 219, 120
RGB Percent	0%, 86%, 47%
CMY	1.0000, 0.1412, 0.5294
CMYK	1.00, 0.00, 0.45, 0.14
HSL	153°, 100%, 43%
HSV	153°, 100%, 86%
XYZ	28.7217, 52.0191, 26.2962
YIQ	142.2330, -98.7450, -77.2170

Conversions

Conversions Part 2

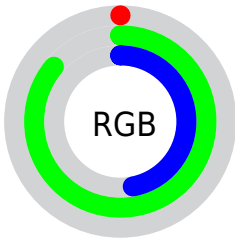
Format	Color
RYB	0, 141, 219
Decimal	56184
CIELab	77.29, -66.60, 36.30
CIELCh	77, 75.846, 151.406
Yxy	52.0191, 0.2683, 0.4860
Android (android.graphics.Color)	4278246264 (0xFF00DB78)
YUV	142.2330, -10.9609, -124.7383
Hunter-Lab	72.1243, -55.1343, 28.8701

Details

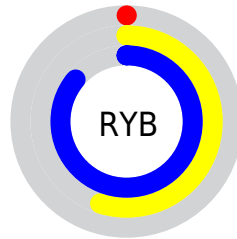
The YUV color **142.2330, -10.9609, -124.7383** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **76.7670, 10.9609, 124.7383**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.1010, -13.8538, -83.4036**, and **102.9600, -16.7423, -90.2959** is the 20% darker color. If you saturate the color by 10%, you get **142.2330, -10.9609, -124.7383**, and if you desaturate by 10%, it is **149.9510, -9.8358, -112.2130**.

Distribution



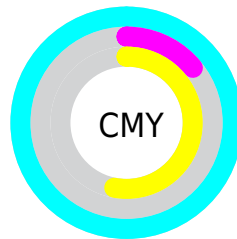
- Red (0%)
- Green (86%)
- Blue (47%)



- Red (0%)
- Yellow (55%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.2330, -10.9609, -124.7383 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 142.2330, -10.9609, -124.7383 by changing the saturation by 10% instead.

■ 142.2330,
-10.9609, -124.7383

■ 142.2330,
-10.9609, -124.7383

■ 255.0000, 0.0000,
0.0000

■ 122.2460,
-13.9253, -107.2097

■ 201.1010,
-13.8538, -83.4036

■ 102.9600,
-16.7423, -90.2959

■ 214.1600, -6.4879,
-65.9153

■ 84.3750, -19.4119,
-73.9969

■ 227.0340, 1.4622,
-49.1418

■ 65.6760, -22.5183,
-57.5979

■ 239.1530, 7.8126,
-32.5832

■ 48.1340, -23.7301,
-42.2135

■ 248.4220, 3.2430,
-13.5251

■ 34.0460, -16.7847,
-29.8583

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 142.2330,
-10.9609, -124.7383

■ 149.9510, -9.8358,
-112.2130

■ 157.6690, -8.7108,
-99.6877

■ 165.3870, -7.5858,
-87.1624

■ 173.1050, -6.4608,
-74.6371

■ 180.8230, -5.3357,
-62.1118

■ 188.1280, -4.5001,
-50.1013

■ 195.8460, -3.3751,
-37.5759

■ 203.5640, -2.2501,
-25.0506

■ 211.2820, -1.1250,
-12.5253

Harmonies

Analogous

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



174.1560, -57.2649, -19.4308



142.2330, -10.9609, -124.7383



153.3760, 19.0416, -134.5108

Triad

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



142.2330, -10.9609, -124.7383



145.2960, 54.0841, -127.4246



168.2240, -22.7884, 76.1026

Complementary

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



142.2330, -10.9609, -124.7383



76.7670, 10.9609, 124.7383

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.



169.6330, 10.5339, 74.8669



142.2330, -10.9609, -124.7383



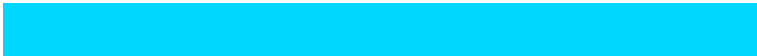
187.7520, 33.1533, 6.3565

Square

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



142.2330, -10.9609, -124.7383



155.2750, 49.1644, -136.1762



187.4950, 33.2800, 59.2019



178.5210, -56.9519, 67.0721

Rectangle

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



142.2330, -10.9609, -124.7383



158.8480, 40.0079, -139.3097



187.4950, 33.2800, 59.2019



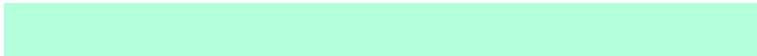
167.2100, -11.4425, 76.9918

Sweetspot

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



142.2330, -10.9609, -124.7383



228.2860, -4.0850, -43.2238



159.0510, -78.4121, -50.0337



111.8520, -2.3920, -26.1802



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.



142.2330, -10.9609, -124.7383



165.6450, -12.6430, -145.2707



149.4100, 34.3079, -131.0326



106.1410, -0.5625, -6.2627



112.3810, -8.5688, -98.5581



29.8520, -2.3920, -26.1802

Inverse Universe

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



76.7670, 10.9609, 124.7383



89.3550, 12.6430, 145.2707



69.5900, -34.3079, 131.0326



102.8590, 0.5625, 6.2627



60.6190, 8.5688, 98.5581



16.1480, 2.3920, 26.1802

Previews

White Background



This preview shows how the YUV color 142.2330, -10.9609, -124.7383 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 142.2330, -10.9609, -124.7383 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 142.2330, -10.9609, -124.7383 Background



This preview shows how black text looks on a background with the YUV color 142.2330, -10.9609, -124.7383.



This preview shows how white text looks on a background with the YUV color 142.2330, -10.9609, -124.7383.

-124.7383.

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

142.2330, -10.9609, -124.7383

Protanopia

185.5610, -37.7446, 19.6790

Deuteranopia

188.5270, -29.3468, 32.8638



Tritanopia

171.5630, 25.8514, -78.5468

Trichromacy



Original Color

142.2330, -10.9609, -124.7383



Protanomaly

169.7500, -27.9778, -33.1067



Deuteranomaly

171.8850, -22.6213, -24.4551



Tritanomaly

160.6090, 12.5178, -95.2501

Monochromacy



Original Color

142.2330, -10.9609, -124.7383



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

141.9760, -3.9322, -45.5830

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.2330, -10.9609, -124.7383 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(0, 219, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 120)  
}
```

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(0, 219, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 120) }
```

Border

The CSS property to change the border of an element to YUV 142.2330, -10.9609, -124.7383 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(0, 219, 120) }
```


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

```
.border{ border-color:rgb(0, 219, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 219, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 219, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 219, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 219,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 142.2330, -10.9609, -124.7383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 219, 120) }
```

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

```
.background{ background-color: rgb(0, 219,  
120) }
```

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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