

Converting Colors

YUV(142.5360, 13.0468,
-125.0041)

Have a look what the booklet for
YUV(142.5360, 13.0468, -125.0041)
contains.

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Color

**YUV(142.5360, 13.0468,
-125.0041)**

Conversions

Conversions Part 1

Format	Color
Hex	00D2A9
RGB	0, 210, 169
RGB Percent	0%, 82%, 66%
CMY	1.0000, 0.1765, 0.3373
CMYK	1.00, 0.00, 0.20, 0.18
HSL	168°, 100%, 41%
HSV	168°, 100%, 82%
XYZ	30.2080, 48.9578, 45.3938
YIQ	142.5360, -111.9990, -57.2710

Conversions

Conversions Part 2

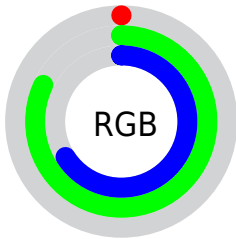
Format	Color
RYB	0, 116, 210
Decimal	53929
CIELab	75.43, -52.86, 8.22
CIELCh	75, 53.491, 171.159
Yxy	48.9578, 0.2425, 0.3930
Android (android.graphics.Color)	4278244009 (0xFF00D2A9)
YUV	142.5360, 13.0468, -125.0041
Hunter-Lab	69.9698, -45.3835, 10.5138

Details

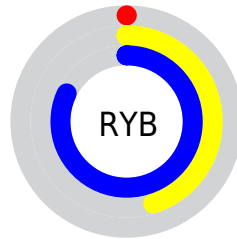
The YUV color **142.5360, 13.0468, -125.0041** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **67.4640, -13.0468, 125.0041**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.3170, 8.7177, -89.7320**, and **103.7360, 6.5392, -90.9765** is the 20% darker color. If you saturate the color by 10%, you get **142.5360, 13.0468, -125.0041**, and if you desaturate by 10%, it is **149.2710, 11.6984, -112.4937**.

Distribution



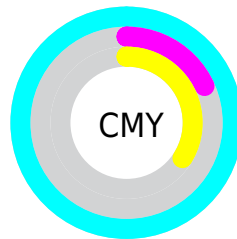
- Red (0%)
- Green (82%)
- Blue (66%)



- Red (0%)
- Yellow (45%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.5360, 13.0468, -125.0041 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 142.5360, 13.0468, -125.0041 by changing the saturation by 10% instead.

■ 142.5360, 13.0468,
-125.0041

■ 142.5360, 13.0468,
-125.0041

■ 255.0000, 0.0000,
0.0000

■ 123.1360, 9.7930,
-107.9903

■ 206.3170, 8.7177,
-89.7320

■ 103.7360, 6.5392,
-90.9765

■ 219.4900, 16.5204,
-72.3437

■ 85.0370, 3.4328,
-74.5774

■ 229.2860, 12.6770,
-52.8708

■ 67.1530, 0.9106,
-58.8932

■ 238.5550, 8.1074,
-33.8127

■ 49.8560, -1.9010,
-43.7237

■ 247.8240, 3.5378,
-14.7546

■ 33.4880, -3.6916,
-29.3690

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 142.5360, 13.0468,
-125.0041

■ 149.2710, 11.6984,
-112.4937

■ 156.0060, 10.3500,
-99.9833

■ 162.7410, 9.0017,
-87.4729

■ 169.4760, 7.6533,
-74.9625

■ 176.2110, 6.3050,
-62.4520

■ 183.0600, 5.3934,
-50.0416

■ 189.7950, 4.0451,
-37.5312

■ 196.5300, 2.6967,
-25.0208

■ 203.2650, 1.3484,
-12.5104

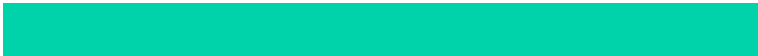
Harmonies

Analogous

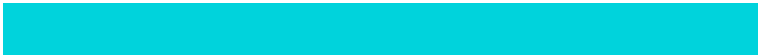
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



170.1340, -23.7301, -42.2135



142.5360, 13.0468, -125.0041



148.9370, 35.0341, -130.6177

Triad

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



142.5360, 13.0468, -125.0041



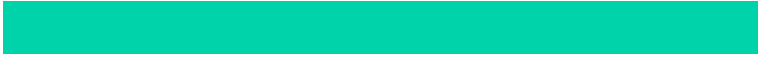
183.7770, 35.1129, -15.5904



182.8190, -35.4068, 63.3027

Complementary

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



142.5360, 13.0468, -125.0041



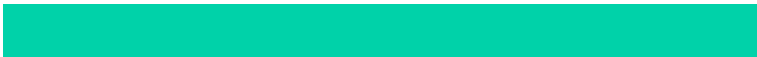
67.4640, -13.0468, 125.0041

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.



179.3890, -13.0098, 66.3108



142.5360, 13.0468, -125.0041



191.2720, 27.9669, 36.5955

Square

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



142.5360, 13.0468, -125.0041



157.8870, 47.8767, -96.3709



185.0890, 8.8301, 61.3119



182.4620, -47.5558, 39.9368

Rectangle

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



142.5360, 13.0468, -125.0041



150.4820, 48.5694, -131.9727



185.0890, 8.8301, 61.3119



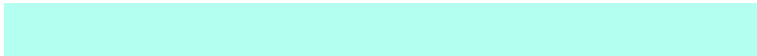
180.6650, -28.4288, 65.1918

Sweetspot

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



142.5360, 13.0468, -125.0041



230.5660, 4.6510, -45.2234



135.8280, -66.9632, -82.2872



113.2200, 2.8495, -27.3799



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.



142.5360, 13.0468, -125.0041



173.0550, 15.7489, -151.7692



110.2290, 49.1871, -96.6708



101.4830, 0.7479, -6.5626



114.0060, 10.3500, -99.9833



27.8290, 2.5493, -24.4060

Inverse Universe

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



67.4640, -13.0468, 125.0041



81.9450, -15.7489, 151.7692



99.7710, -49.1871, 96.6708



97.5170, -0.7479, 6.5626



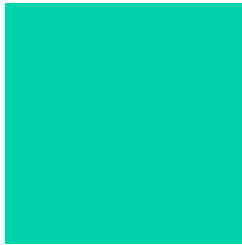
53.9940, -10.3500, 99.9833



13.1710, -2.5493, 24.4060

Previews

White Background



This preview shows how the YUV color 142.5360, 13.0468, -125.0041 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 142.5360, 13.0468, -125.0041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

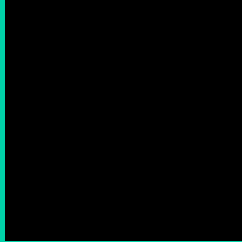
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

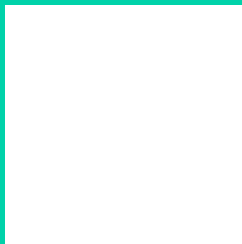
Any Text WCAG AAA ✓ Pass

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

YUV 142.5360, 13.0468, -125.0041 Background



This preview shows how black text looks on a background with the YUV color 142.5360, 13.0468, -125.0041.



This preview shows how white text looks on a background with the YUV color 142.5360, 13.0468, -125.0041.

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



Protanopia

183.7980, -13.7044, 8.9472

Deuteranopia

185.8450, -4.8536, 16.7989

Tritanopia

163.0780, 28.0625, -87.7684

Trichromacy



Protanomaly

168.4220, -3.6590, -39.8351

Deuteranomaly

170.1220, 1.4189, -35.1870

Tritanomaly

155.7960, 22.2856, -101.5531

Monochromacy



Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.5660, 4.6510, -45.2234

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.5360, 13.0468, -125.0041 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, 210, 169)` looks like.

```
.text, #text, p{  
    color:rgb(0, 210, 169)  
}
```

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, 210, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 210, 169) }
```

Border

The CSS property to change the border of an element to YUV 142.5360, 13.0468, -125.0041 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, 210, 169) }
```

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

```
.border{ border-color:rgb(0, 210, 169) }
```

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

Here you see how a box with a 4 pixel rgb(0, 210, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 210, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 210, 169);  
box-shadow:4px 4px 4px 4px rgb(0, 210,  
169) }
```


Background

The CSS property to change the background color of an element to YUV 142.5360, 13.0468, -125.0041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 210, 169) }
```

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

```
.background{ background-color: rgb(0, 210,  
169) }
```

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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