

Converting Colors

YUV(142.4910, 28.3519,
-87.2536)

Have a look what the booklet for
YUV(142.4910, 28.3519, -87.2536)
contains.

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Color

**YUV(142.4910, 28.3519,
-87.2536)**

Conversions

Conversions Part 1

Format	Color
Hex	2BB6C8
RGB	43, 182, 200
RGB Percent	17%, 71%, 78%
CMY	0.8314, 0.2863, 0.2157
CMYK	0.78, 0.09, 0.00, 0.22
HSL	187°, 65%, 48%
HSV	187°, 78%, 78%
XYZ	28.1495, 38.1396, 60.5216
YIQ	142.4910, -88.6220, -23.8700

Conversions

Conversions Part 2

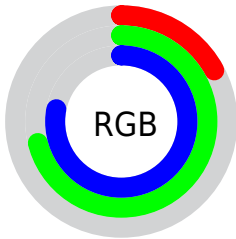
Format	Color
RYB	43, 117, 200
Decimal	2864840
CIELab	68.12, -29.32, -19.40
CIELCh	68, 35.156, 213.497
Yxy	38.1396, 0.2220, 0.3008
Android (android.graphics.Color)	4281054920 (0xFF2BB6C8)
YUV	142.4910, 28.3519, -87.2536
Hunter-Lab	61.7573, -26.7133, -14.8736

Details

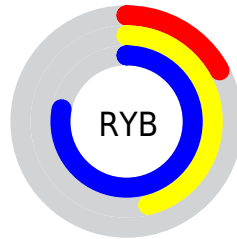
The YUV color **142.4910, 28.3519, -87.2536** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **100.5090, -28.3519, 87.2536**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.1610, 25.5566, -77.3172**, and **92.3670, 26.4411, -81.0059** is the 20% darker color. If you saturate the color by 10%, you get **135.3370, 31.8789, -98.5195**, and if you desaturate by 10%, it is **149.6450, 24.8250, -75.9877**.

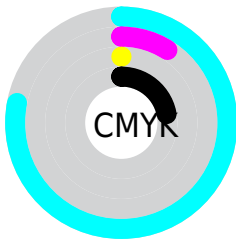
Distribution



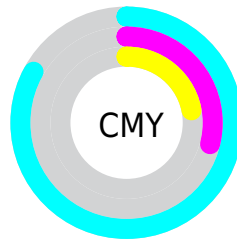
- Red (17%)
- Green (71%)
- Blue (78%)



- Red (17%)
- Yellow (46%)
- Blue (78%)



- Cyan (78%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (83%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.4910, 28.3519, -87.2536 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 142.4910, 28.3519, -87.2536 by changing the saturation by 10% instead.

■ 142.4910, 28.3519,
-87.2536

■ 142.4910, 28.3519,
-87.2536

■ 255.0000, 0.0000,
0.0000

■ 110.7070, 30.7104,
-97.0900

■ 203.1610, 25.5566,
-77.3172

■ 92.3670, 26.4411,
-81.0059

■ 222.7080, 15.9200,
-66.3959

■ 74.1410, 22.6085,
-65.0217

■ 231.6780, 11.4977,
-47.9526

■ 57.3170, 19.0707,
-50.2670

■ 240.9470, 6.9281,
-28.8945

■ 40.4930, 15.5330,
-35.5124

■ 249.9170, 2.5059,
-10.4512

■ 26.1310, 11.2744,
-22.9169

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 142.4910, 28.3519,
-87.2536

■ 142.4910, 28.3519,
-87.2536

■ 135.3370, 31.8789,
-98.5195

■ 149.6450, 24.8250,
-75.9877

■ 127.5960, 35.6952,
-109.2707

■ 157.3860, 21.0087,
-65.2365

■ 126.6990, 36.1374,
-111.1150

■ 164.5400, 17.4818,
-53.9706

■ 171.6940, 13.9549,
-42.7046

■ 178.8480, 10.4279,
-31.4387

■ 186.5890, 6.6116,
-20.6876

■ 193.7430, 3.0847,
-9.4216

■ 200.8970, -0.4422,
1.8443

■ 208.6380, -4.2585,
12.5955

Harmonies

Analogous

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



147.9160, 10.3944, -67.4553



142.4910, 28.3519, -87.2536



151.3330, 34.8388, -67.8210

Triad

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



142.4910, 28.3519, -87.2536



170.4230, 12.1165, 33.8320



163.4990, -30.3190, 17.9794

Complementary

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



142.4910, 28.3519, -87.2536



100.5090, -28.3519, 87.2536

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.



166.0270, -27.6213, 39.4413



142.4910, 28.3519, -87.2536



169.8090, -3.3568, 50.1565

Square

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



142.4910, 28.3519, -87.2536



168.8630, 24.7175, 5.3821



167.8510, -17.1815, 50.9967



160.3430, -23.8331, -9.0708

Rectangle

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



142.4910, 28.3519, -87.2536



159.3730, 34.3261, -43.3001



167.8510, -17.1815, 50.9967



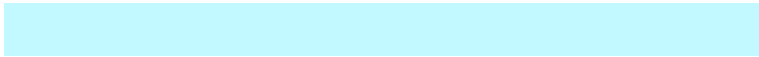
164.8420, -30.4881, 25.5716

Sweetspot

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



142.4910, 28.3519, -87.2536



232.6520, 11.0176, -33.8978



136.9830, -38.4456, -82.4231



114.0020, 6.9010, -20.1728



0.0000, 0.0000, 0.0000



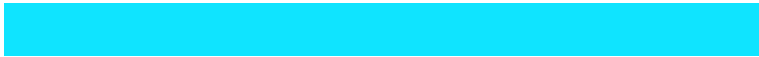
128.0000, 0.0000, 0.0000

Same Dimension

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



142.4910, 28.3519, -87.2536



167.3910, 43.1912, -133.6469



97.8790, 50.3457, -48.1289



95.7220, 1.6161, -5.0182



103.1100, 29.5258, -90.4275



22.8880, 6.4642, -20.0728

Inverse Universe

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



105.7890, 37.5720, 82.6230



111.0420, 57.6603, 126.2512



145.1210, -50.3457, 48.1289



93.6030, 2.1677, 4.7332



65.1530, 38.8716, 85.8118



14.4120, 8.6709, 18.9327

Previews

White Background



This preview shows how the YUV color 142.4910, 28.3519, -87.2536 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 142.4910, 28.3519, -87.2536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

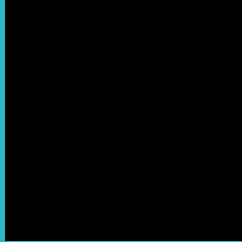
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 142.4910, 28.3519, -87.2536

Background



This preview shows how black text looks on a background with the YUV color 142.4910, 28.3519, -87.2536.

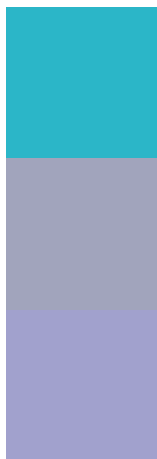


This preview shows how white text looks on a background with the YUV color 142.4910, 28.3519, -87.2536.

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

142.4910, 28.3519, -87.2536

Protanopia

165.8390, 10.9254, -4.2438

Deuteranopia

166.0160, 19.2191, -4.3990



Tritanopia

141.2520, 27.4838, -88.7980

Trichromacy



Original Color

142.4910, 28.3519, -87.2536

Protanomaly

157.5470, 16.9853, -34.6827

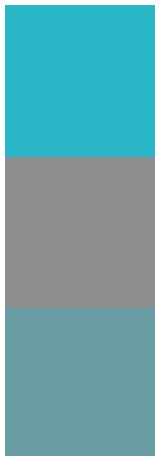
Deuteranomaly

157.6270, 22.3689, -34.7529

Tritanomaly

141.6650, 27.7732, -88.2832

Monochromacy



Original Color

142.4910, 28.3519, -87.2536

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.4350, 10.1385, -31.9535

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.4910, 28.3519, -87.2536 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(43, 182, 200)` looks like.

```
.text, #text, p{  
    color:rgb(43, 182, 200)  
}
```

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(43, 182, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 182, 200) }
```

Border

The CSS property to change the border of an element to YUV 142.4910, 28.3519, -87.2536 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

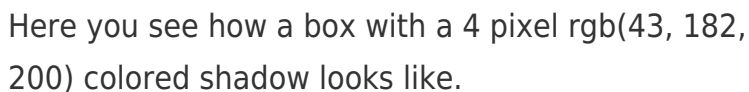
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(43, 182, 200) }
```


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

```
.border{ border-color:rgb(43, 182, 200) }
```

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



Here you see how a box with a 4 pixel rgb(43, 182, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(43, 182, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(43, 182, 200); box-shadow:4px 4px 4px 4px rgb(43, 182, 200) }
```

Background

The CSS property to change the background color of an element to YUV 142.4910, 28.3519, -87.2536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 182, 200) }
```

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

```
.background{ background-color: rgb(43, 182,  
200) }
```

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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