

Converting Colors

YUV(142.1050, 27.0632,
-93.9311)

Have a look what the booklet for
YUV(142.1050, 27.0632, -93.9311)
contains.

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Color

**YUV(142.1050, 27.0632,
-93.9311)**

Conversions

Conversions Part 1

Format	Color
Hex	23BAC5
RGB	35, 186, 197
RGB Percent	14%, 73%, 77%
CMY	0.8627, 0.2706, 0.2275
CMYK	0.82, 0.06, 0.00, 0.23
HSL	184°, 70%, 45%
HSV	184°, 82%, 77%
XYZ	28.3301, 39.5064, 58.9557
YIQ	142.1050, -93.5270, -28.5910

Conversions

Conversions Part 2

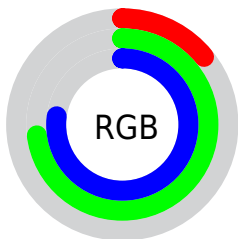
Format	Color
RYB	35, 113, 197
Decimal	2341573
CIELab	69.12, -32.89, -16.26
CIELCh	69, 36.686, 206.308
Yxy	39.5064, 0.2234, 0.3116
Android (android.graphics.Color)	4280531653 (0xFF23BAC5)
YUV	142.1050, 27.0632, -93.9311
Hunter-Lab	62.8541, -29.5397, -11.6148

Details

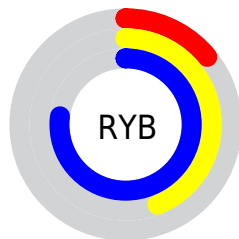
The YUV color **142.1050, 27.0632, -93.9311** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **89.8950, -27.0632, 93.9311**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.0850, 24.1151, -81.6355**, and **93.7860, 24.2625, -82.2503** is the 20% darker color. If you saturate the color by 10%, you get **135.5380, 30.3008, -105.7118**, and if you desaturate by 10%, it is **148.6720, 23.8257, -82.1503**.

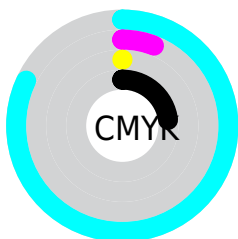
Distribution



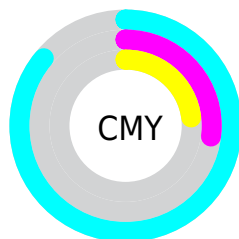
- Red (14%)
- Green (73%)
- Blue (77%)



- Red (14%)
- Yellow (44%)
- Blue (77%)



- Cyan (82%)
- Magenta (6%)
- Yellow (0%)
- Black (23%)



- Cyan (86%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.1050, 27.0632, -93.9311 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 142.1050, 27.0632, -93.9311 by changing the saturation by 10% instead.

■ 142.1050, 27.0632,
-93.9311

■ 142.1050, 27.0632,
-93.9311

■ 255.0000, 0.0000,
0.0000

■ 112.7130, 28.2425,
-98.8493

■ 205.0850, 24.1151,
-81.6355

■ 93.7860, 24.2625,
-82.2503

■ 221.5120, 16.5096,
-68.8550

■ 76.2610, 20.5773,
-66.8809

■ 230.7810, 11.9400,
-49.7969

■ 58.7360, 16.8922,
-51.5115

■ 240.0500, 7.3704,
-30.7388

■ 41.9120, 13.3544,
-36.7568

■ 249.3190, 2.8007,
-11.6808

■ 27.0770, 9.8220,
-23.7465

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 142.1050, 27.0632,
-93.9311

■ 142.1050, 27.0632,
-93.9311

■ 135.5380, 30.3008,
-105.7118

■ 148.6720, 23.8257,
-82.1503

■ 130.4660, 32.8013,
-114.4187

■ 155.5270, 20.4462,
-71.4992

■ 162.0940, 17.2087,
-59.7184

■ 168.6610, 13.9711,
-47.9377

■ 175.8150, 10.4442,
-36.6718

■ 182.0830, 7.3541,
-25.5058

■ 188.6500, 4.1166,
-13.7250

■ 195.8040, 0.5896,
-2.4591

■ 202.0720, -2.5005,
8.7069

Harmonies

Analogous

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



151.0860, 5.8736, -64.0964



142.1050, 27.0632, -93.9311



149.0000, 36.4820, -81.5610

Triad

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



142.1050, 27.0632, -93.9311



173.4270, 16.0585, 29.4435



166.4890, -31.7931, 24.1271

Complementary

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



142.1050, 27.0632, -93.9311



89.8950, -27.0632, 93.9311

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.



169.2880, -26.7640, 44.4744



142.1050, 27.0632, -93.9311



172.2480, 0.8637, 49.7715

Square

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



142.1050, 27.0632, -93.9311



171.0190, 28.0916, -3.5247



170.8560, -14.7190, 54.5003



163.7630, -27.4912, -2.4232

Rectangle

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



142.1050, 27.0632, -93.9311



158.2790, 36.8375, -55.4957



170.8560, -14.7190, 54.5003



167.3590, -31.2360, 32.1342

Sweetspot

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



142.1050, 27.0632, -93.9311



233.5160, 10.5916, -37.2865



131.3480, -42.0766, -84.4972



114.5780, 6.6170, -22.4319



0.0000, 0.0000, 0.0000



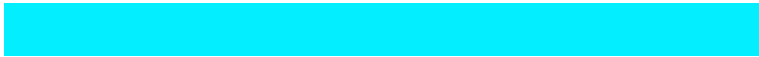
128.0000, 0.0000, 0.0000

Same Dimension

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



142.1050, 27.0632, -93.9311



169.6730, 42.0662, -146.1722



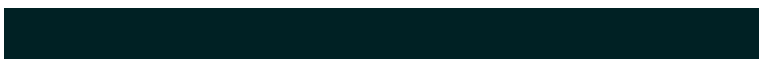
94.5580, 50.5039, -52.2324



96.3090, 1.3267, -5.5330



107.8060, 27.2106, -94.5459



23.4750, 6.1748, -20.5876

Inverse Universe

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



100.6520, 42.0766, 84.4972



105.1380, 65.5010, 131.4290



137.4420, -50.5039, 52.2324



93.7170, 2.6045, 4.6332



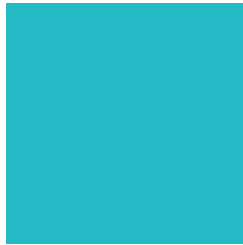
66.0650, 42.3660, 85.0120



14.5260, 9.1077, 18.8327

Previews

White Background



This preview shows how the YUV color 142.1050, 27.0632, -93.9311 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 142.1050, 27.0632, -93.9311 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

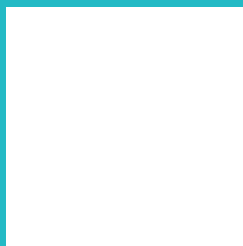
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 142.1050, 27.0632, -93.9311

Background



This preview shows how black text looks on a background with the YUV color 142.1050, 27.0632, -93.9311.



This preview shows how white text looks on a background with the YUV color 142.1050, 27.0632, -93.9311.

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

142.1050, 27.0632, -93.9311

Protanopia

167.7530, 8.0098, -2.4144

Deuteranopia

169.2290, 16.1561, -1.9548



Tritanopia

143.1700, 28.5102, -91.3571

Trichromacy



Original Color

142.1050, 27.0632, -93.9311



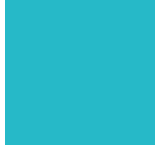
Protanomaly

158.3790, 15.0962, -35.4124



Deuteranomaly

159.3450, 20.0429, -35.3826



Tritanomaly

142.7570, 28.2208, -91.8719

Monochromacy



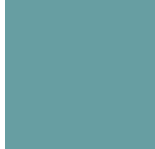
Original Color

142.1050, 27.0632, -93.9311



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

142.0110, 9.8546, -34.2126

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.1050, 27.0632, -93.9311 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(35, 186, 197)` looks like.

```
.text, #text, p{  
    color:rgb(35, 186, 197)  
}
```

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(35, 186, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 186, 197) }
```

Border

The CSS property to change the border of an element to YUV 142.1050, 27.0632, -93.9311 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(35, 186, 197) }
```


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

```
.border{ border-color:rgb(35, 186, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 186, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 186, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 186, 197);  
box-shadow:4px 4px 4px 4px rgb(35, 186,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 142.1050, 27.0632, -93.9311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 186, 197) }
```

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

```
.background{ background-color: rgb(35, 186,  
197) }
```

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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