

Converting Colors

YUV(142.3650, 29.4001,
-96.7901)

Have a look what the booklet for
YUV(142.3650, 29.4001, -96.7901)
contains.

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Color

**YUV(142.3650, 29.4001,
-96.7901)**

Conversions

Conversions Part 1

Format	Color
Hex	20BBCA
RGB	32, 187, 202
RGB Percent	13%, 73%, 79%
CMY	0.8745, 0.2667, 0.2078
CMYK	0.84, 0.07, 0.00, 0.21
HSL	185°, 73%, 46%
HSV	185°, 84%, 79%
XYZ	29.0267, 40.1120, 62.0896
YIQ	142.3650, -97.1950, -28.1950

Conversions

Conversions Part 2

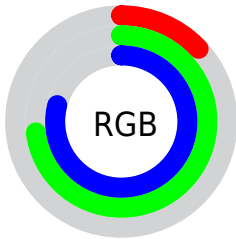
Format	Color
R_{YB}	32, 113, 202
Decimal	2145226
CIE _{Lab}	69.55, -32.04, -18.35
CIE _{LCh}	70, 36.920, 209.806
Yxy	40.1120, 0.2212, 0.3057
Android (android.graphics.Color)	4280335306 (0xFF20BBCA)
YUV	142.3650, 29.4001, -96.7901
Hunter-Lab	63.3340, -29.0261, -13.7912

Details

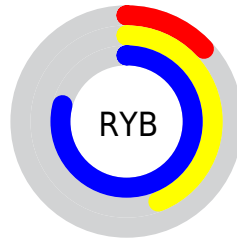
The YUV color **142.3650, 29.4001, -96.7901** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **91.6350, -29.4001, 96.7901**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4870, 24.4099, -82.8651**, and **94.9430, 26.1571, -83.2650** is the 20% darker color. If you saturate the color by 10%, you get **135.2110, 32.9270, -108.0560**, and if you desaturate by 10%, it is **149.5190, 25.8731, -85.5242**.

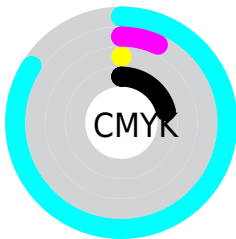
Distribution



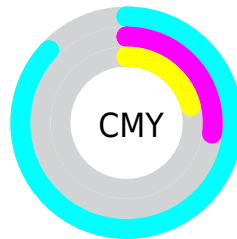
- Red (13%)
- Green (73%)
- Blue (79%)



- Red (13%)
- Yellow (44%)
- Blue (79%)



- Cyan (84%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (87%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.3650, 29.4001, -96.7901 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 142.3650, 29.4001, -96.7901 by changing the saturation by 10% instead.

■ 142.3650, 29.4001,
-96.7901

■ 142.3650, 29.4001,
-96.7901

■ 255.0000, 0.0000,
0.0000

■ 113.8700, 30.1371,
-99.8640

■ 205.4870, 24.4099,
-82.8651

■ 94.9430, 26.1571,
-83.2650

■ 221.5120, 16.5096,
-68.8550

■ 77.3040, 22.0351,
-67.7956

■ 230.7810, 11.9400,
-49.7969

■ 59.7790, 18.3500,
-52.4262

■ 240.0500, 7.3704,
-30.7388

■ 43.0690, 15.2490,
-37.7715

■ 249.3190, 2.8007,
-11.6808

■ 28.1200, 11.2798,
-24.6612

■ 4.5940, 12.5252,

-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 142.3650, 29.4001,
-96.7901

■ 142.3650, 29.4001,
-96.7901

■ 135.2110, 32.9270,
-108.0560

■ 149.5190, 25.8731,
-85.5242

■ 131.0360, 34.9853,
-114.9186

■ 156.6730, 22.3462,
-74.2582

■ 163.5390, 18.9613,
-61.8627

■ 170.6930, 15.4344,
-50.5968

■ 177.8470, 11.9074,
-39.3308

■ 185.0010, 8.3805,
-28.0649

■ 191.5680, 5.1430,
-16.2841

■ 199.0210, 1.4686,
-4.4034

■ 206.1750, -2.0583,
6.8625

Harmonies

Analogous

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



151.3350, 8.2158, -68.6998



142.3650, 29.4001, -96.7901



151.5490, 37.1973, -77.6575

Triad

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



142.3650, 29.4001, -96.7901



174.6940, 14.4479, 32.7174



167.6520, -32.3664, 21.3532

Complementary

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



142.3650, 29.4001, -96.7901



91.6350, -29.4001, 96.7901

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.



169.9350, -28.0690, 43.0300



142.3650, 29.4001, -96.7901



173.3900, -1.1783, 51.4010

Square

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



142.3650, 29.4001, -96.7901



172.2260, 27.4966, 0.6788



171.9870, -16.7556, 54.3854



164.0830, -26.1699, -6.2118

Rectangle

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



142.3650, 29.4001, -96.7901



161.1870, 36.3898, -51.9070



171.9870, -16.7556, 54.3854



168.5220, -31.8093, 29.3602

Sweetspot

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



142.3650, 29.4001, -96.7901



232.3420, 11.1704, -36.2569



133.3860, -43.0813, -88.9155



113.9910, 6.9064, -21.9171



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.



142.3650, 29.4001, -96.7901



165.2540, 44.2448, -144.9278



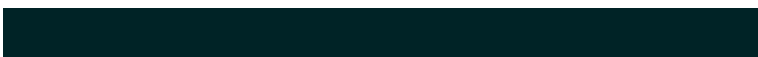
93.0570, 53.7089, -53.5470



98.4230, 1.7635, -5.6330



107.5610, 28.8104, -94.3310



24.8770, 6.4696, -21.8171

Inverse Universe

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



100.5000, 42.6445, 89.0155



102.8070, 64.1851, 133.4733



140.9430, -53.7089, 53.5470



96.0160, 2.4571, 5.2480



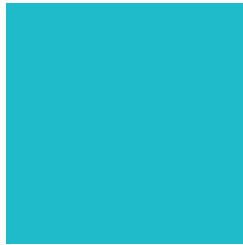
66.8480, 41.4869, 86.9563



15.3520, 9.6865, 19.8623

Previews

White Background



This preview shows how the YUV color 142.3650, 29.4001, -96.7901 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 142.3650, 29.4001, -96.7901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

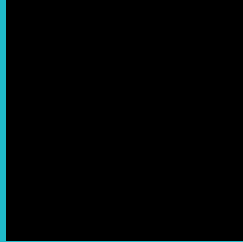
Any Text WCAG AA ✓ Pass

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 142.3650, 29.4001, -96.7901 Background



This preview shows how black text looks on a background with the YUV color 142.3650, 29.4001, -96.7901.

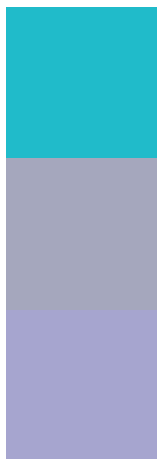


This preview shows how white text looks on a background with the YUV color 142.3650, 29.4001, -96.7901.

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

142.3650, 29.4001, -96.7901

Protanopia

168.9100, 9.9044, -3.4291

Deuteranopia

170.0870, 18.1981, -3.5843



Tritanopia

142.3650, 29.4001, -96.7901

Trichromacy



Original Color

142.3650, 29.4001, -96.7901

Protanomaly

159.2370, 17.1382, -37.0418

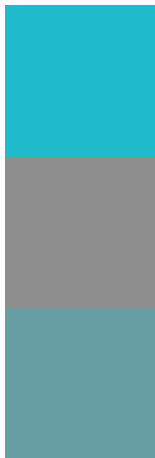
Deuteranomaly

159.9040, 22.2323, -37.6268

Tritanomaly

142.3650, 29.4001, -96.7901

Monochromacy



Original Color

142.3650, 29.4001, -96.7901

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.9400, 10.8756, -35.0274

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.3650, 29.4001, -96.7901 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(32, 187, 202)` looks like.

```
.text, #text, p{  
    color:rgb(32, 187, 202)  
}
```

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(32, 187, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 187, 202) }
```

Border

The CSS property to change the border of an element to YUV 142.3650, 29.4001, -96.7901 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(32, 187, 202) }
```


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

```
.border{ border-color:rgb(32, 187, 202) }
```

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

Here you see how a box with a 4 pixel rgb(32, 187, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 187, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 187, 202);  
box-shadow:4px 4px 4px 4px rgb(32, 187,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 142.3650, 29.4001, -96.7901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 187, 202) }
```

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

```
.background{ background-color: rgb(32, 187,  
202) }
```

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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