

Converting Colors

YUV(142.3030, 29.9236,
-124.7997)

Have a look what the booklet for
YUV(142.3030, 29.9236, -124.7997)
contains.

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Color

**YUV(142.3030, 29.9236,
-124.7997)**

Conversions

Conversions Part 1

Format	Color
Hex	00CBCB
RGB	0, 203, 203
RGB Percent	0%, 80%, 80%
CMY	1.0000, 0.2039, 0.2039
CMYK	1.00, 0.00, 0.00, 0.20
HSL	180°, 100%, 40%
HSV	180°, 100%, 80%
XYZ	32.1354, 47.0237, 63.8827
YIQ	142.3030, -120.9880, -43.0360

Conversions

Conversions Part 2

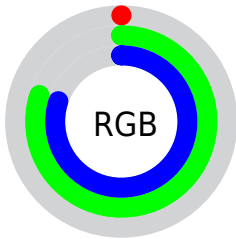
Format	Color
RYB	0, 102, 203
Decimal	52171
CIELab	74.20, -40.49, -11.91
CIELCh	74, 42.203, 196.386
Yxy	47.0237, 0.2247, 0.3287
Android (android.graphics.Color)	4278242251 (0xFF00CBCB)
YUV	142.3030, 29.9236, -124.7997
Hunter-Lab	68.5738, -36.3545, -7.2323

Details

The YUV color **142.3030, 29.9236, -124.7997** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **60.6970, -29.9236, 124.7997**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.4490, 21.9636, -91.6018**, and **103.8620, 22.2530, -91.0870** is the 20% darker color. If you saturate the color by 10%, you get **142.3030, 29.9236, -124.7997**, and if you desaturate by 10%, it is **148.2830, 26.9755, -112.5042**.

Distribution



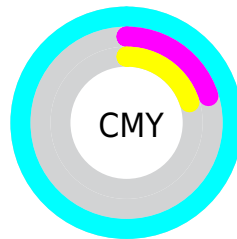
- Red (0%)
- Green (80%)
- Blue (80%)



- Red (0%)
- Yellow (40%)
- Blue (80%)



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



- Cyan (100%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.3030, 29.9236, -124.7997 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 142.3030, 29.9236, -124.7997 by changing the saturation by 10% instead.

■ 142.3030, 29.9236,
-124.7997

■ 142.3030, 29.9236,
-124.7997

■ 255.0000, 0.0000,
0.0000

■ 122.7890, 26.2330,
-107.6860

■ 210.4490, 21.9636,
-91.6018

■ 103.8620, 22.2530,
-91.0870

■ 220.3160, 17.0992,
-71.3141

■ 85.6360, 18.4205,
-75.1028

■ 229.8840, 12.3822,
-51.6413

■ 67.5240, 15.0247,
-59.2185

■ 239.4520, 7.6652,
-31.9684

■ 50.2270, 12.2131,
-44.0491

■ 248.7210, 3.0955,
-12.9103

■ 34.1040, 8.8227,
-29.9092

■ 17.6220, 6.5954,

-15.4545

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 142.3030, 29.9236,
-124.7997

■ 148.2830, 26.9755,
-112.5042

■ 154.5620, 23.8799,
-99.5939

■ 160.5420, 20.9318,
-87.2983

■ 166.5220, 17.9837,
-75.0028

■ 172.8010, 14.8881,
-62.0925

■ 178.7810, 11.9400,
-49.7969

■ 184.7610, 8.9918,
-37.5014

■ 190.7410, 6.0437,
-25.2059

■ 197.0200, 2.9481,
-12.2955

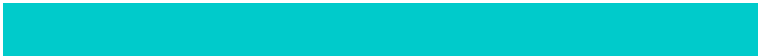
Harmonies

Analogous

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



164.3650, -0.6729, -64.3411



142.3030, 29.9236, -124.7997



144.4180, 45.6429, -126.6546

Triad

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



142.3030, 29.9236, -124.7997



187.4460, 23.9371, 22.4109



181.0130, -36.4884, 36.8226

Complementary

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



142.3030, 29.9236, -124.7997



60.6970, -29.9236, 124.7997

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.



183.5500, -27.3861, 57.3997



142.3030, 29.9236, -124.7997



187.2790, 7.2575, 52.3753

Square

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



142.3030, 29.9236, -124.7997



181.9830, 35.9974, -19.2791



183.9370, -10.8149, 62.3223



177.5810, -34.7964, 7.3835

Rectangle

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



142.3030, 29.9236, -124.7997



161.8450, 44.9394, -87.5641



183.9370, -10.8149, 62.3223



181.6380, -34.3315, 45.0445

Sweetspot

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



142.3030, 29.9236, -124.7997



232.2760, 11.2029, -46.7231



119.1610, -58.7464, -104.5042



114.2460, 6.7807, -28.2797



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.



142.3030, 29.9236, -124.7997



178.7550, 37.5888, -156.7681



83.0160, 59.1521, -72.8050



99.0100, 1.4741, -6.1478



116.3660, 24.4696, -102.0530



26.6380, 5.6015, -23.3615

Inverse Universe

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



83.8390, 58.7464, 104.5042



105.3150, 73.7947, 131.2737



120.5710, -59.4415, 72.2902



96.1300, 2.8939, 5.1480



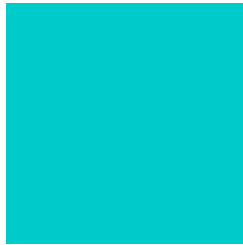
68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 142.3030, 29.9236, -124.7997 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 142.3030, 29.9236, -124.7997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

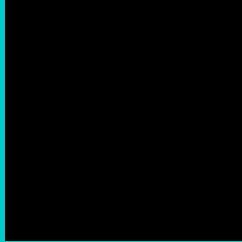
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

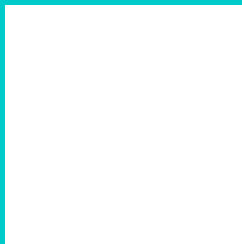
Any Text WCAG AAA ✓ Pass

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

YUV 142.3030, 29.9236, -124.7997 Background



This preview shows how black text looks on a background with the YUV color 142.3030, 29.9236, -124.7997.

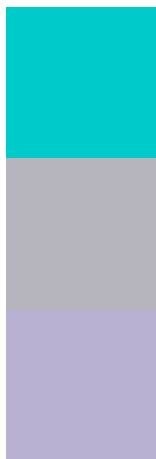


This preview shows how white text looks on a background with the YUV color 142.3030, 29.9236, -124.7997.

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

142.3030, 29.9236, -124.7997

Protanopia

181.6240, 3.6364, 0.3298

Deuteranopia

183.0400, 12.7983, 1.7189



Tritanopia

153.7880, 31.1635, -102.4231

Trichromacy



Original Color

142.3030, 29.9236, -124.7997



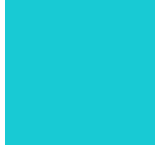
Protanomaly

167.1560, 13.2341, -44.8638



Deuteranomaly

168.0620, 19.1964, -43.9044



Tritanomaly

149.9180, 30.6064, -110.4301

Monochromacy



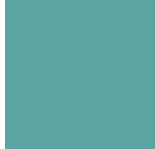
Original Color

142.3030, 29.9236, -124.7997



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

141.8740, 10.9081, -45.4935

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.3030, 29.9236, -124.7997 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, 203, 203)` looks like.

```
.text, #text, p{  
    color:rgb(0, 203, 203)  
}
```

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, 203, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 203, 203) }
```

Border

The CSS property to change the border of an element to YUV 142.3030, 29.9236, -124.7997 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, 203, 203) }
```


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

```
.border{ border-color:rgb(0, 203, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 203, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 203, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 203, 203);  
box-shadow:4px 4px 4px 4px rgb(0, 203,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 142.3030, 29.9236, -124.7997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 203, 203) }
```

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

```
.background{ background-color: rgb(0, 203,  
203) }
```

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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