

Converting Colors

YUV(142.0470, 38.4308,
-100.0192)

Have a look what the booklet for
YUV(142.0470, 38.4308, -100.0192)
contains.

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Color

**YUV(142.0470, 38.4308,
-100.0192)**

Conversions

Conversions Part 1

Format	Color
Hex	1CB9DC
RGB	28, 185, 220
RGB Percent	11%, 73%, 86%
CMY	0.8902, 0.2745, 0.1373
CMYK	0.87, 0.16, 0.00, 0.14
HSL	191°, 77%, 49%
HSV	191°, 87%, 86%
XYZ	30.7461, 40.1121, 73.8321
YIQ	142.0470, -104.8070, -22.3990

Conversions

Conversions Part 2

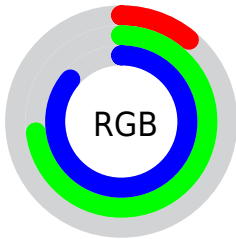
Format	Color
RYB	28, 114, 220
Decimal	1882588
CIELab	69.55, -25.52, -28.21
CIELCh	70, 38.037, 227.871
Yxy	40.1121, 0.2125, 0.2772
Android (android.graphics.Color)	4280072668 (0xFF1CB9DC)
YUV	142.0470, 38.4308, -100.0192
Hunter-Lab	63.3341, -24.1803, -24.7837

Details

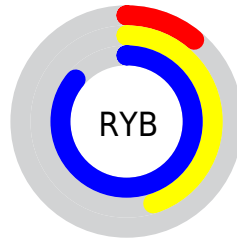
The YUV color **142.0470, 38.4308, -100.0192** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **105.9530, -38.4308, 100.0192**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.0250, 25.1307, -80.7059**, and **96.2940, 33.8721, -84.4498** is the 20% darker color. If you saturate the color by 10%, you get **133.1210, 42.8313, -111.4851**, and if you desaturate by 10%, it is **150.9730, 34.0303, -88.5533**.

Distribution



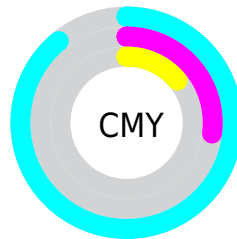
- Red (11%)
- Green (73%)
- Blue (86%)



- Red (11%)
- Yellow (45%)
- Blue (86%)



- Cyan (87%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (89%)
- Magenta (27%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.0470, 38.4308, -100.0192 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 142.0470, 38.4308, -100.0192 by changing the saturation by 10% instead.

■ 142.0470, 38.4308,
-100.0192

■ 142.0470, 38.4308,
-100.0192

■ 255.0000, 0.0000,
0.0000

■ 114.6340, 38.1414,
-100.5340

■ 204.0250, 25.1307,
-80.7059

■ 96.2940, 33.8721,
-84.4498

■ 222.1100, 16.2148,
-67.6255

■ 77.9540, 29.6027,
-68.3657

■ 231.3790, 11.6452,
-48.5674

■ 61.0160, 25.6281,
-53.5110

■ 240.6480, 7.0755,
-29.5093

■ 44.0780, 21.6535,
-38.6564

■ 249.9170, 2.5059,
-10.4512

■ 29.1290, 17.6844,
-25.5461

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 142.0470, 38.4308,
-100.0192

■ 142.0470, 38.4308,
-100.0192

■ 133.1210, 42.8313,
-111.4851

■ 150.9730, 34.0303,
-88.5533

■ 130.7400, 44.0052,
-114.6590

■ 159.8990, 29.6298,
-77.0874

■ 168.8250, 25.2293,
-65.6215

■ 177.7510, 20.8288,
-54.1556

■ 186.6770, 16.4282,
-42.6897

■ 195.6030, 12.0277,
-31.2238

■ 204.5290, 7.6272,
-19.7579

■ 213.4550, 3.2267,
-8.2920

■ 222.3810, -1.1738,
3.1739

Harmonies

Analogous

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



142.1820, 23.5743, -94.8756



142.0470, 38.4308, -100.0192



159.0230, 38.4427, -57.0252

Triad

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



142.0470, 38.4308, -100.0192



173.7900, 5.5265, 47.5422



165.3080, -30.7178, 5.8689

Complementary

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



142.0470, 38.4308, -100.0192



105.9530, -38.4308, 100.0192

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.



168.6040, -32.8358, 31.9193



142.0470, 38.4308, -100.0192



172.4910, -11.0881, 56.5744

Square

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



142.0470, 38.4308, -100.0192



174.5230, 20.4482, 21.4663



170.4890, -24.8911, 50.4371



161.0960, -19.2743, -24.6402

Rectangle

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



142.0470, 38.4308, -100.0192



167.2870, 34.8615, -28.3157



170.4890, -24.8911, 50.4371



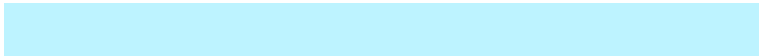
166.9070, -32.4922, 14.9906

Sweetspot

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



142.0470, 38.4308, -100.0192



228.2220, 13.2016, -34.3977



144.3520, -41.5855, -102.0407



111.3440, 8.2114, -20.4727



0.0000, 0.0000, 0.0000



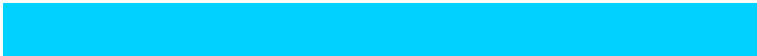
128.0000, 0.0000, 0.0000

Same Dimension

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



142.0470, 38.4308, -100.0192



151.7530, 50.9008, -133.0874



87.4560, 65.3442, -52.1429



105.5370, 2.2003, -5.7329



103.0760, 34.4725, -90.3977



27.5500, 9.0959, -24.1613

Inverse Universe

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



103.3060, 40.2751, 102.3406



100.0710, 53.7020, 135.8727



160.5440, -65.3442, 52.1429



103.3150, 2.3097, 5.8627



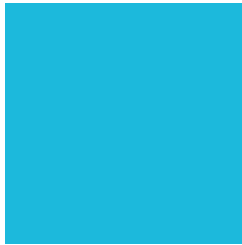
67.9150, 36.5239, 92.1595



18.0860, 9.8176, 24.4806

Previews

White Background



This preview shows how the YUV color 142.0470, 38.4308, -100.0192 looks on a white background.

Color Contrast Check

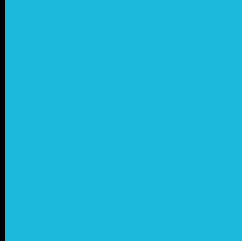
Large Text (above 18pt) WCAG AA × Fail

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 142.0470, 38.4308, -100.0192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

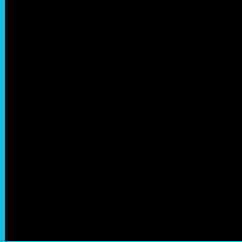
Any Text WCAG AA ✓ Pass

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 142.0470, 38.4308, -100.0192 Background



This preview shows how black text looks on a background with the YUV color 142.0470, 38.4308, -100.0192.

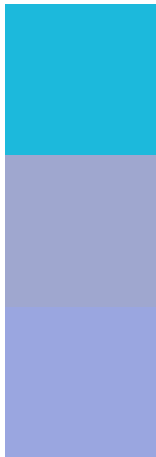


This preview shows how white text looks on a background with the YUV color 142.0470, 38.4308, -100.0192.

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

142.0470, 38.4308, -100.0192

Protanopia

169.1680, 18.6512, -8.9173

Deuteranopia

169.0240, 27.1032, -13.1760



Tritanopia

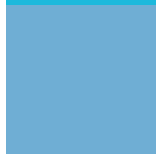
132.7970, 34.1171, -116.4630

Trichromacy



Original Color

142.0470, 38.4308, -100.0192



Protanomaly

159.4950, 25.8850, -42.5301



Deuteranomaly

159.2650, 31.4214, -44.9594



Tritanomaly

135.9980, 35.9900, -110.5002

Monochromacy



Original Color

142.0470, 38.4308, -100.0192



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

142.3250, 13.6438, -36.2420

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.0470, 38.4308, -100.0192 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(28, 185, 220)` looks like.

```
.text, #text, p{  
    color:rgb(28, 185, 220)  
}
```

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(28, 185, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 185, 220) }
```

Border

The CSS property to change the border of an element to YUV 142.0470, 38.4308, -100.0192 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(28, 185, 220) }
```


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

```
.border{ border-color:rgb(28, 185, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 185, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 185, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 185, 220);  
box-shadow:4px 4px 4px 4px rgb(28, 185,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 142.0470, 38.4308, -100.0192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 185, 220) }
```

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

```
.background{ background-color: rgb(28, 185,  
220) }
```

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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