

Converting Colors

YUV(114.9810, 41.9144,
-97.3303)

Have a look what the booklet for
YUV(114.9810, 41.9144, -97.3303)
contains.

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Color

**YUV(114.9810, 41.9144,
-97.3303)**

Conversions

Conversions Part 1

Format	Color
Hex	049BC8
RGB	4, 155, 200
RGB Percent	2%, 61%, 78%
CMY	0.9843, 0.3922, 0.2157
CMYK	0.98, 0.23, 0.00, 0.22
HSL	194°, 96%, 40%
HSV	194°, 98%, 78%
XYZ	22.1967, 27.6386, 58.8085
YIQ	114.9810, -104.4410, -18.0170

Conversions

Conversions Part 2

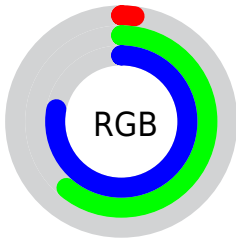
Format	Color
RYB	4, 89, 200
Decimal	302024
CIELab	59.56, -17.79, -32.60
CIElCh	60, 37.135, 241.383
Yxy	27.6386, 0.2043, 0.2544
Android (android.graphics.Color)	4278492104 (0xFF049BC8)
YUV	114.9810, 41.9144, -97.3303
Hunter-Lab	52.5725, -16.6369, -29.5221

Details

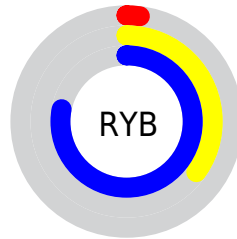
The YUV color **114.9810, 41.9144, -97.3303** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **89.0190, -41.9144, 97.3303**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.2400, 35.8707, -72.1245**, and **77.6920, 33.6758, -68.1359** is the 20% darker color. If you saturate the color by 10%, you get **113.1980, 42.7934, -99.2746**, and if you desaturate by 10%, it is **123.8960, 37.5193, -87.6088**.

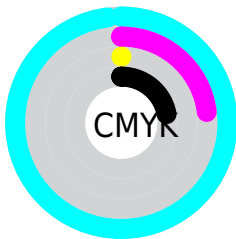
Distribution



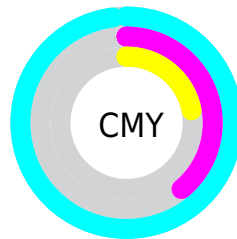
- Red (2%)
- Green (61%)
- Blue (78%)



- Red (2%)
- Yellow (35%)
- Blue (78%)



- Cyan (98%)
- Magenta (23%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (39%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.9810, 41.9144, -97.3303 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 114.9810, 41.9144, -97.3303 by changing the saturation by 10% instead.

■ 114.9810, 41.9144,
-97.3303

■ 114.9810, 41.9144,
-97.3303

■ 255.0000, 0.0000,
0.0000

■ 95.4450, 38.2346,
-83.7053

■ 182.2400, 35.8707,
-72.1245

■ 77.6920, 33.6758,
-68.1359

■ 208.2440, 23.0507,
-66.8660

■ 60.6400, 29.2645,
-53.1813

■ 227.4920, 13.5614,
-56.5595

■ 44.2890, 25.0005,
-38.8415

■ 236.4620, 9.1392,
-38.1162

■ 28.6390, 20.8840,
-25.1164

■ 245.7310, 4.5696,
-19.0581

■ 7.9340, 20.2455,
-6.9581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 114.9810, 41.9144,
-97.3303

■ 114.9810, 41.9144,
-97.3303

■ 113.1980, 42.7934,
-99.2746

■ 123.8960, 37.5193,
-87.6088

■ 132.2240, 33.4136,
-77.3724

■ 141.1390, 29.0185,
-67.6509

■ 149.4670, 24.9128,
-57.4146

■ 158.3820, 20.5177,
-47.6930

■ 167.2970, 16.1226,
-37.9715

■ 175.6250, 12.0169,
-27.7351

■ 184.5400, 7.6218,
-18.0136

■ 192.8680, 3.5161,
-7.7772

Harmonies

Analogous

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



113.9840, 30.5739, -99.9640



114.9810, 41.9144, -97.3303



137.8190, 34.5992, -37.5523

Triad

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



114.9810, 41.9144, -97.3303



145.9770, -1.4677, 50.8862



137.5990, -25.4383, -7.5413

Complementary

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



114.9810, 41.9144, -97.3303



89.0190, -41.9144, 97.3303

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.



140.8690, -31.4874, 19.4089



114.9810, 41.9144, -97.3303



144.9760, -16.7502, 52.6410

Square

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



114.9810, 41.9144, -97.3303



147.7650, 13.4269, 33.5321



143.3260, -27.7687, 40.0561



132.0110, -10.3584, -37.7206

Rectangle

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



114.9810, 41.9144, -97.3303



144.0290, 29.5657, -9.6724



143.3260, -27.7687, 40.0561



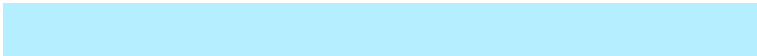
138.8560, -28.5230, 1.8803

Sweetspot

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



114.9810, 41.9144, -97.3303



222.8950, 15.8278, -36.7419



123.8400, -38.3751, -105.0997



108.0880, 9.8166, -22.0022



0.0000, 0.0000, 0.0000



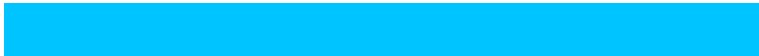
128.0000, 0.0000, 0.0000

Same Dimension

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



114.9810, 41.9144, -97.3303



144.1220, 54.6629, -126.3950



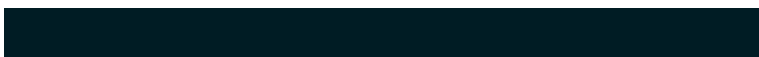
59.2160, 69.4065, -48.4244



95.1350, 1.9054, -4.5034



92.5440, 34.7348, -81.1611



20.5400, 7.6218, -18.0136

Inverse Universe

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



79.8180, 37.0647, 105.3996



98.5890, 48.0236, 137.1724



144.7840, -69.4065, 48.4244



93.4890, 1.7309, 4.8331



63.1010, 31.0092, 87.6114



13.9560, 6.9237, 19.3326

Previews

White Background



This preview shows how the YUV color 114.9810, 41.9144, -97.3303 looks on a white background.

Color Contrast Check

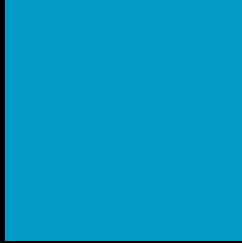
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.9810, 41.9144, -97.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

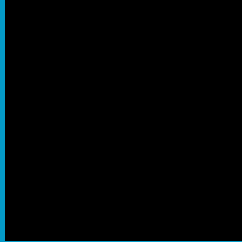
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.9810, 41.9144, -97.3303

Background



This preview shows how black text looks on a background with the YUV color 114.9810, 41.9144, -97.3303.

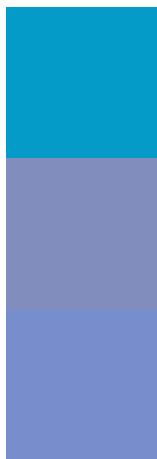


This preview shows how white text looks on a background with the YUV color 114.9810, 41.9144, -97.3303.

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

114.9810, 41.9144, -97.3303

Protanopia

142.8840, 22.7352, -12.1763

Deuteranopia

141.7890, 30.1770, -19.1090



Tritanopia

112.8270, 28.6793, -98.9493

Trichromacy



Original Color

114.9810, 41.9144, -97.3303

Protanomaly

132.8200, 29.6687, -42.8151

Deuteranomaly

132.0520, 34.4844, -47.4036

Tritanomaly

113.7930, 33.6261, -98.9195

Monochromacy



Original Color

114.9810, 41.9144, -97.3303

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.3790, 15.0962, -35.4124

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.9810, 41.9144, -97.3303 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(4, 155, 200)` looks like.

```
.text, #text, p{  
    color:rgb(4, 155, 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(4, 155, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 155, 200) }
```

Border

The CSS property to change the border of an element to YUV 114.9810, 41.9144, -97.3303 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(4, 155, 200) }
```


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

```
.border{ border-color:rgb(4, 155, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 155, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 155, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 155, 200);  
box-shadow:4px 4px 4px 4px rgb(4, 155,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 114.9810, 41.9144, -97.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 155, 200) }
```

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

```
.background{ background-color: rgb(4, 155,  
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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