

Converting Colors

YUV(122.9950, 47.3305,
-107.8666)

Have a look what the booklet for
YUV(122.9950, 47.3305, -107.8666)
contains.

YUV(122.9950, 47.3305, -107.8666)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(122.9950, 47.3305,
-107.8666)**

Conversions

Conversions Part 1

Format	Color
Hex	00A7DB
RGB	0, 167, 219
RGB Percent	0%, 65%, 86%
CMY	1.0000, 0.3451, 0.1412
CMYK	1.00, 0.24, 0.00, 0.14
HSL	194°, 100%, 43%
HSV	194°, 100%, 86%
XYZ	26.6049, 32.7519, 71.9374
YIQ	122.9950, -116.2240, -19.2320

Conversions

Conversions Part 2

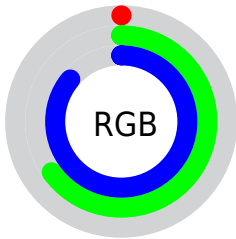
Format	Color
RYB	0, 95, 219
Decimal	42971
CIELab	63.96, -17.58, -36.33
CIELCh	64, 40.361, 244.178
Yxy	32.7519, 0.2026, 0.2495
Android (android.graphics.Color)	4278233051 (0xFF00A7DB)
YUV	122.9950, 47.3305, -107.8666
Hunter-Lab	57.2293, -17.1697, -34.4672

Details

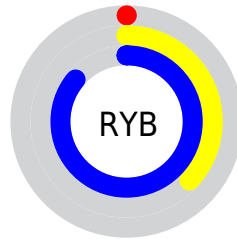
The YUV color **122.9950, 47.3305, -107.8666** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **96.0050, -47.3305, 107.8666**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4800, 31.8084, -75.8430**, and **86.2010, 38.3549, -75.5983** is the 20% darker color. If you saturate the color by 10%, you get **122.9950, 47.3305, -107.8666**, and if you desaturate by 10%, it is **132.5080, 42.6406, -96.9155**.

Distribution



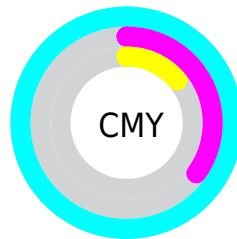
- Red (0%)
- Green (65%)
- Blue (86%)



- Red (0%)
- Yellow (37%)
- Blue (86%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (35%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.9950, 47.3305, -107.8666 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 122.9950, 47.3305, -107.8666 by changing the saturation by 10% instead.

■ 122.9950, 47.3305,
-107.8666

■ 122.9950, 47.3305,
-107.8666

■ 255.0000, 0.0000,
0.0000

■ 104.5410, 42.6243,
-91.6825

■ 190.4800, 31.8084,
-75.8430

■ 86.2010, 38.3549,
-75.5983

■ 217.3700, 18.5516,
-70.4845

■ 68.4480, 33.7961,
-60.0289

■ 229.2860, 12.6770,
-52.8708

■ 52.0970, 29.5322,
-45.6891

■ 238.5550, 8.1074,
-33.8127

■ 36.3330, 24.9788,
-31.8640

■ 247.8240, 3.5378,
-14.7546

■ 22.4440, 19.9941,
-19.6834

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 122.9950, 47.3305,
-107.8666

■ 132.5080, 42.6406,
-96.9155

■ 142.0210, 37.9506,
-85.9644

■ 152.1210, 32.9713,
-75.5281

■ 161.6340, 28.2814,
-64.5770

■ 171.1470, 23.5915,
-53.6259

■ 180.3610, 19.0490,
-43.2896

■ 189.8740, 14.3591,
-32.3385

■ 199.9740, 9.3798,
-21.9022

■ 209.4870, 4.6899,
-10.9511

Harmonies

Analogous

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



123.6670, 34.6742, -108.4560



122.9950, 47.3305, -107.8666



149.9160, 37.5094, -37.6373

Triad

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



122.9950, 47.3305, -107.8666



157.8530, -3.3785, 57.1339



147.9360, -26.5904, -11.3449

Complementary

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



122.9950, 47.3305, -107.8666



96.0050, -47.3305, 107.8666

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.



152.0600, -34.5396, 18.3644



122.9950, 47.3305, -107.8666



155.6130, -19.5292, 57.3444

Square

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



122.9950, 47.3305, -107.8666



159.2110, 13.7000, 39.2800



154.4250, -31.2685, 42.6003



140.8960, -9.3157, -45.5128

Rectangle

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



122.9950, 47.3305, -107.8666



156.3220, 31.8863, -7.2984



154.4250, -31.2685, 42.6003



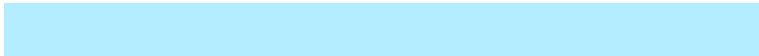
149.3780, -30.2594, -1.2085

Sweetspot

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



122.9950, 47.3305, -107.8666



221.7100, 16.4120, -37.4567



134.3670, -41.0999, -117.8399



107.7890, 9.9640, -22.6170



0.0000, 0.0000, 0.0000



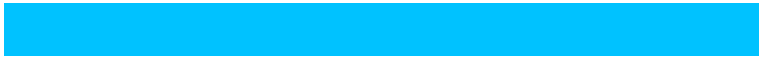
128.0000, 0.0000, 0.0000

Same Dimension

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



122.9950, 47.3305, -107.8666



142.9480, 55.2416, -125.3654



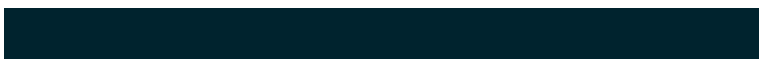
59.0120, 78.8741, -51.7535



104.9500, 2.4896, -5.2182



97.2060, 37.3664, -85.2497



25.7890, 9.9640, -22.6170

Inverse Universe

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



84.5190, 40.6631, 117.9398



98.3610, 47.1500, 137.3724



159.9880, -78.8741, 51.7535



103.2010, 1.8729, 5.9627



66.7750, 32.1559, 93.1593



17.7440, 8.5072, 24.7805

Previews

White Background



This preview shows how the YUV color 122.9950, 47.3305, -107.8666 looks on a white background.

Color Contrast Check

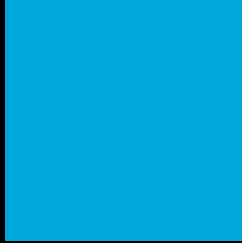
Large Text (above 18pt) WCAG AA × Fail

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 122.9950, 47.3305, -107.8666 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

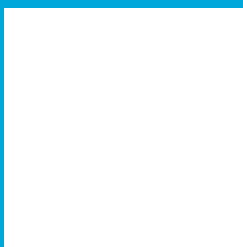
Any Text WCAG AAA ✓ Pass

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

YUV 122.9950, 47.3305, -107.8666 Background



This preview shows how black text looks on a background with the YUV color 122.9950, 47.3305, -107.8666.

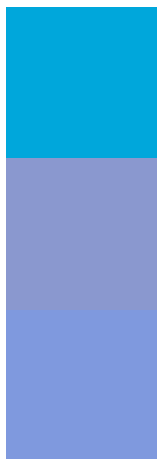


This preview shows how white text looks on a background with the YUV color 122.9950, 47.3305, -107.8666.

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

122.9950, 47.3305, -107.8666

Protanopia

154.0840, 26.0876, -14.1057

Deuteranopia

153.0920, 33.9716, -22.8827



Tritanopia

121.3530, 30.8850, -106.4266

Trichromacy



Original Color

122.9950, 47.3305, -107.8666

Protanomaly

142.5250, 33.7582, -47.8184

Deuteranomaly

142.1590, 38.8686, -53.6364

Tritanomaly

122.2480, 36.8527, -107.2115

Monochromacy



Original Color

122.9950, 47.3305, -107.8666

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.9270, 17.2910, -39.4010

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.9950, 47.3305, -107.8666 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, 167, 219)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 219)  
}
```

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, 167, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 219) }
```

Border

The CSS property to change the border of an element to YUV 122.9950, 47.3305, -107.8666 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, 167, 219) }
```


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

```
.border{ border-color:rgb(0, 167, 219) }
```

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

Here you see how a box with a 4 pixel rgb(0, 167, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 167,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 122.9950, 47.3305, -107.8666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 219) }
```

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

```
.background{ background-color: rgb(0, 167,  
219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor