

Converting Colors

YUV(122.1000, 41.3627,
-107.0817)

Have a look what the booklet for
YUV(122.1000, 41.3627, -107.0817)
contains.

YUV(122.1000, 41.3627, -107.0817)	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(122.1000, 41.3627,
-107.0817)**

Conversions

Conversions Part 1	
Format	Color
Hex	00A8CE
RGB	0, 168, 206
RGB Percent	0%, 66%, 81%
CMY	1.0000, 0.3412, 0.1922
CMYK	1.00, 0.18, 0.00, 0.19
HSL	191°, 100%, 40%
HSV	191°, 100%, 81%
XYZ	25.1432, 32.4615, 63.3330
YIQ	122.1000, -112.3260, -23.7980

Conversions

Conversions Part 2

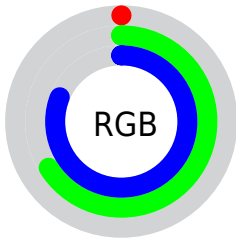
Format	Color
RYB	0, 93, 206
Decimal	43214
CIELab	63.72, -22.66, -29.50
CIELCh	64, 37.198, 232.467
Yxy	32.4615, 0.2079, 0.2684
Android (android.graphics.Color)	4278233294 (0xFF00A8CE)
YUV	122.1000, 41.3627, -107.0817
Hunter-Lab	56.9750, -20.9337, -26.0239

Details

The YUV color **122.1000, 41.3627, -107.0817** 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 **83.9000, -41.3627, 107.0817**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4690, 31.8138, -77.5873**, and **85.4200, 32.8239, -74.9133** is the 20% darker color. If you saturate the color by 10%, you get **122.1000, 41.3627, -107.0817**, and if you desaturate by 10%, it is **130.7270, 37.1096, -96.2306**.

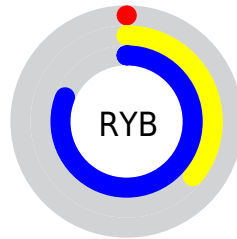
Distribution



Red (0%)

Green (66%)

Blue (81%)



Red (0%)

Yellow (36%)

Blue (81%)

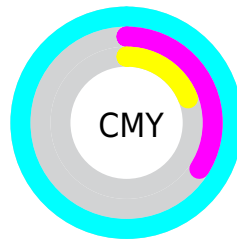


Cyan (100%)

Magenta (18%)

Yellow (0%)

Black (19%)



Cyan (100%)


Magenta (34%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 122.1000, 41.3627, -107.0817 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 122.1000, 41.3627, -107.0817 by changing the saturation by 10% instead.

 122.1000, 41.3627,
-107.0817

 122.1000, 41.3627,
-107.0817


255.0000, 0.0000,
0.0000


 103.0590, 36.9459,
-90.3827


 190.4690, 31.8138,
-77.5873

 85.4200, 32.8239,
-74.9133


 217.0600, 18.7044,
-72.8436

 67.7810, 28.7020,
-59.4439


 228.0900, 13.2666,
-55.3299

 50.7290, 24.2906,
-44.4893

 237.3590, 8.6970,
-36.2718

 35.0790, 20.1741,
-30.7643

 246.6280, 4.1274,
-17.2138

 20.1300, 16.2049,
-17.6540

 4.8220, 13.3988,

-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 122.1000, 41.3627,
-107.0817

■ 130.7270, 37.1096,
-96.2306

■ 139.0550, 33.0039,
-85.9942

■ 147.0950, 29.0402,
-74.6283

■ 155.4230, 24.9345,
-64.3920

■ 164.0500, 20.6814,
-53.5408

■ 172.6770, 16.4282,
-42.6897

■ 181.0050, 12.3225,
-32.4534

■ 189.0450, 8.3588,
-21.0875

■ 197.3730, 4.2531,
-10.8511

Harmonies

Analogous

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



121.3700, 28.4116, -106.4415



122.1000, 41.3627, -107.0817



145.6110, 36.6738, -49.6478

Triad

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



122.1000, 41.3627, -107.0817



158.1060, 2.9057, 48.1420



149.5570, -28.3756, 1.2655

Complementary

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



122.1000, 41.3627, -107.0817



83.9000, -41.3627, 107.0817

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.



152.7990, -31.9459, 26.4863



122.1000, 41.3627, -107.0817



156.7250, -12.6824, 54.6152

Square

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



122.1000, 41.3627, -107.0817



158.8610, 17.8165, 25.5549



154.6410, -25.4590, 45.9188



144.9860, -15.7691, -28.9287

Rectangle

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



122.1000, 41.3627, -107.0817



153.0490, 32.5138, -21.9680



154.6410, -25.4590, 45.9188



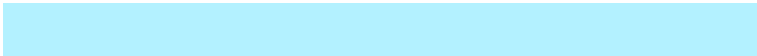
150.6290, -30.8761, 9.9724

Sweetspot

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



122.1000, 41.3627, -107.0817



224.0580, 15.2544, -39.5159



125.2540, -43.0162, -109.8478



108.9630, 9.3852, -23.6466



0.0000, 0.0000, 0.0000



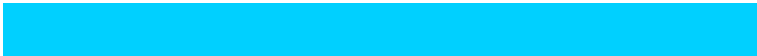
128.0000, 0.0000, 0.0000

Same Dimension

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



122.1000, 41.3627, -107.0817



151.1660, 51.1902, -132.5726



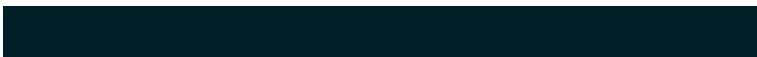
61.6390, 71.1700, -54.0574



97.8360, 2.0529, -5.1182



98.1690, 33.4407, -86.0942



22.5290, 7.6272, -19.7579

Inverse Universe

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



80.7460, 43.0162, 109.8478



99.9570, 53.2652, 135.9727



144.3610, -71.1700, 54.0574



95.9020, 2.0203, 5.3479



65.0240, 34.4982, 88.5560



14.8960, 7.9393, 20.2622

Previews

White Background



This preview shows how the YUV color 122.1000, 41.3627, -107.0817 looks on a white background.

Color Contrast Check

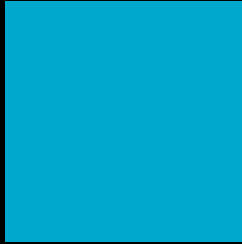
Large Text (above 18pt) WCAG AA × Fail

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 122.1000, 41.3627, -107.0817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

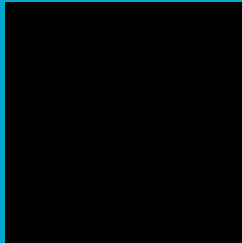
Any Text WCAG AA ✓ Pass

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 122.1000, 41.3627, -107.0817 Background



This preview shows how black text looks on a background with the YUV color 122.1000, 41.3627, -107.0817.

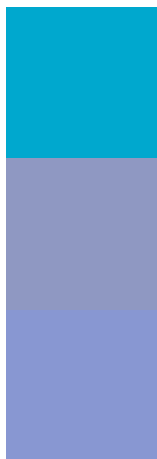


This preview shows how white text looks on a background with the YUV color 122.1000, 41.3627, -107.0817.

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

122.1000, 41.3627, -107.0817

Protanopia

154.0970, 19.6722, -9.7321

Deuteranopia

153.2410, 27.9822, -15.1204





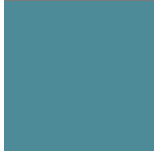
Tritanopia

121.3530, 30.8850, -106.4266

Trichromacy

	Original Color 122.1000, 41.3627, -107.0817
	Protanomaly 142.5270, 27.3482, -45.1892
	Deuteranomaly 141.9980, 33.0320, -48.2332
	Tritanomaly 121.6780, 34.6687, -106.7116

Monochromacy

	Original Color 122.1000, 41.3627, -107.0817
	Achromatopsia 122.0000, 0.0000, 0.0000
	Achromatomaly 122.3570, 15.1070, -38.9011

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.1000, 41.3627, -107.0817 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, 168, 206)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 206)  
}
```

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, 168, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 206) }
```

Border

The CSS property to change the border of an element to YUV 122.1000, 41.3627, -107.0817 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, 168, 206) }
```


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

```
.border{ border-color:rgb(0, 168, 206) }
```

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

Here you see how a box with a 4 pixel rgb(0, 168, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 168, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 168, 206);  
box-shadow:4px 4px 4px 4px rgb(0, 168,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 122.1000, 41.3627, -107.0817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 168, 206) }
```

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

```
.background{ background-color: rgb(0, 168,  
206) }
```

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