

Converting Colors

YUV(124.4170, 37.2624,
-98.5897)

Have a look what the booklet for
YUV(124.4170, 37.2624, -98.5897)
contains.

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Color

**YUV(124.4170, 37.2624,
-98.5897)**

Conversions

Conversions Part 1

Format	Color
Hex	0CA7C8
RGB	12, 167, 200
RGB Percent	5%, 65%, 78%
CMY	0.9529, 0.3451, 0.2157
CMYK	0.94, 0.16, 0.00, 0.22
HSL	191°, 89%, 42%
HSV	191°, 94%, 78%
XYZ	24.3957, 31.8857, 59.5124
YIQ	124.4170, -102.9730, -22.5970

Conversions

Conversions Part 2

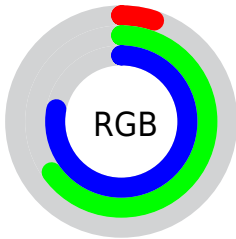
Format	Color
RYB	12, 97, 200
Decimal	829384
CIELab	63.25, -23.83, -26.89
CIELCh	63, 35.929, 228.449
Yxy	31.8857, 0.2107, 0.2754
Android (android.graphics.Color)	4279019464 (0xFF0CA7C8)
YUV	124.4170, 37.2624, -98.5897
Hunter-Lab	56.4674, -21.7006, -22.9599

Details

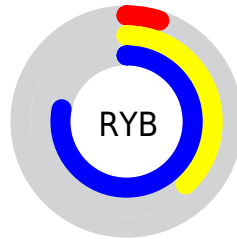
The YUV color **124.4170, 37.2624, -98.5897** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **87.5830, -37.2624, 98.5897**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.1810, 31.9558, -76.4577**, and **84.1490, 30.4925, -73.7987** is the 20% darker color. If you saturate the color by 10%, you get **119.6550, 39.6101, -104.9374**, and if you desaturate by 10%, it is **132.7450, 33.1567, -88.3534**.

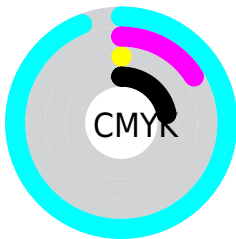
Distribution



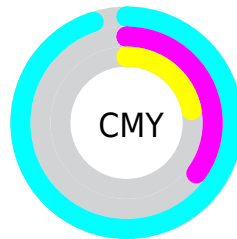
- Red (5%)
- Green (65%)
- Blue (78%)



- Red (5%)
- Yellow (38%)
- Blue (78%)



- Cyan (94%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)



- Cyan (95%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.4170, 37.2624, -98.5897 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 124.4170, 37.2624, -98.5897 by changing the saturation by 10% instead.

■ 124.4170, 37.2624,
-98.5897

■ 124.4170, 37.2624,
-98.5897

■ 255.0000, 0.0000,
0.0000

■ 101.9020, 35.0513,
-89.3681

■ 190.1810, 31.9558,
-76.4577

■ 84.1490, 30.4925,
-73.7987

■ 216.7720, 18.8464,
-71.7140

■ 66.5100, 26.3706,
-58.3293

■ 228.3890, 13.1192,
-54.7152

■ 49.5720, 22.3960,
-43.4746

■ 237.3590, 8.6970,
-36.2718

■ 33.9220, 18.2795,
-29.7496

■ 246.6280, 4.1274,
-17.2138

■ 18.5000, 15.0365,
-16.2245

■ 3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 124.4170, 37.2624,
-98.5897

■ 124.4170, 37.2624,
-98.5897

■ 119.6550, 39.6101,
-104.9374

■ 132.7450, 33.1567,
-88.3534

■ 140.4860, 29.3404,
-77.6022

■ 148.8140, 25.2347,
-67.3659

■ 156.5550, 21.4184,
-56.6147

■ 164.8830, 17.3127,
-46.3784

■ 172.6240, 13.4964,
-35.6272

■ 180.9520, 9.3907,
-25.3909

■ 188.6930, 5.5744,
-14.6398

■ 197.0210, 1.4686,
-4.4034

Harmonies

Analogous

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



125.0790, 23.1321, -93.0313



124.4170, 37.2624, -98.5897



143.2470, 35.3742, -52.8366

Triad

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



124.4170, 37.2624, -98.5897



156.6540, 5.1006, 44.1534



148.5790, -28.3864, 4.7542

Complementary

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



124.4170, 37.2624, -98.5897



87.5830, -37.2624, 98.5897

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.



151.8640, -30.4990, 29.0603



124.4170, 37.2624, -98.5897



155.2840, -10.4930, 52.3709

Square

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



124.4170, 37.2624, -98.5897



157.4690, 18.9958, 20.6367



153.9230, -23.1330, 46.5485



144.6770, -17.0958, -23.3957

Rectangle

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



124.4170, 37.2624, -98.5897



150.6140, 32.2353, -25.9715



153.9230, -23.1330, 46.5485



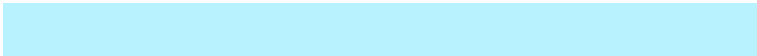
149.8790, -30.0133, 13.2611

Sweetspot

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



124.4170, 37.2624, -98.5897



226.1400, 14.2280, -36.9568



125.8900, -40.8648, -99.8815



110.1480, 8.8010, -22.9318



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.



124.4170, 37.2624, -98.5897



152.3400, 50.6114, -133.6022



70.4130, 63.8864, -51.2282



95.7220, 1.6161, -5.0182



97.8270, 32.1303, -85.7943



21.1270, 7.3324, -18.5284

Inverse Universe

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



85.8820, 39.9912, 100.0815



100.1850, 54.1388, 135.7728



141.5870, -63.8864, 51.2282



93.6030, 2.1677, 4.7332



64.1270, 34.9404, 86.7116



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 124.4170, 37.2624, -98.5897 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 124.4170, 37.2624, -98.5897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

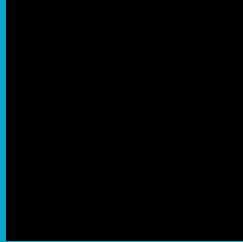
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 124.4170, 37.2624, -98.5897

Background



This preview shows how black text looks on a background with the YUV color 124.4170, 37.2624, -98.5897.

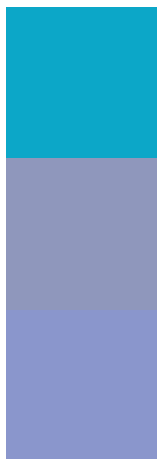


This preview shows how white text looks on a background with the YUV color 124.4170, 37.2624, -98.5897.

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

124.4170, 37.2624, -98.5897

Protanopia

152.8260, 17.3408, -8.6174

Deuteranopia

152.5680, 25.3560, -12.7761



Tritanopia

119.9510, 30.5902, -105.1970

Trichromacy



Original Color

124.4170, 37.2624, -98.5897

Protanomaly

142.4520, 24.4272, -41.6154

Deuteranomaly

142.2220, 29.9636, -44.0447

Tritanomaly

121.3580, 33.3475, -102.9230

Monochromacy



Original Color

124.4170, 37.2624, -98.5897

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.3250, 13.6438, -36.2420

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.4170, 37.2624, -98.5897 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(12, 167, 200)` looks like.

```
.text, #text, p{  
    color:rgb(12, 167, 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(12, 167, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 167, 200) }
```

Border

The CSS property to change the border of an element to YUV 124.4170, 37.2624, -98.5897 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(12, 167, 200) }
```


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

```
.border{ border-color:rgb(12, 167, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 167, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 167, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 167, 200);  
box-shadow:4px 4px 4px 4px rgb(12, 167,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 124.4170, 37.2624, -98.5897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 167, 200) }
```

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

```
.background{ background-color: rgb(12, 167,  
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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