

Converting Colors

YUV(117.8730, 42.4606,
-85.8346)

Have a look what the booklet for
YUV(117.8730, 42.4606, -85.8346)
contains.

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Color

**YUV(117.8730, 42.4606,
-85.8346)**

Conversions

Conversions Part 1

Format	Color
Hex	1497CC
RGB	20, 151, 204
RGB Percent	8%, 59%, 80%
CMY	0.9216, 0.4078, 0.2000
CMYK	0.90, 0.26, 0.00, 0.20
HSL	197°, 82%, 44%
HSV	197°, 90%, 80%
XYZ	22.2542, 26.6416, 61.0962
YIQ	117.8730, -95.0890, -11.2890

Conversions

Conversions Part 2

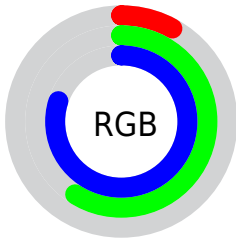
Format	Color
R_{YB}	20, 97, 204
Decimal	1349580
CIE _{Lab}	58.64, -13.56, -36.27
CIE _{LCh}	59, 38.720, 249.506
Yxy	26.6416, 0.2023, 0.2422
Android (android.graphics.Color)	4279539660 (0xFF1497CC)
YUV	117.8730, 42.4606, -85.8346
Hunter-Lab	51.6155, -13.3662, -34.0495

Details

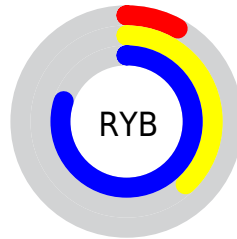
The YUV color **117.8730, 42.4606, -85.8346** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **106.1270, -42.4606, 85.8346**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.5010, 36.7280, -67.0914**, and **75.8000, 36.5806, -66.4766** is the 20% darker color. If you saturate the color by 10%, you get **108.3710, 47.1451, -95.0414**, and if you desaturate by 10%, it is **127.3750, 37.7761, -76.6279**.

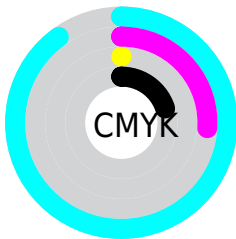
Distribution



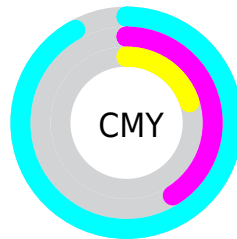
- Red (8%)
- Green (59%)
- Blue (80%)



- Red (8%)
- Yellow (38%)
- Blue (80%)



- Cyan (90%)
- Magenta (26%)
- Yellow (0%)
- Black (20%)



- Cyan (92%)
- Magenta (41%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.8730, 42.4606, -85.8346 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 117.8730, 42.4606, -85.8346 by changing the saturation by 10% instead.

■ 117.8730, 42.4606,
-85.8346

■ 117.8730, 42.4606,
-85.8346

■ 255.0000, 0.0000,
0.0000

■ 93.4390, 40.7026,
-81.9460

■ 180.5010, 36.7280,
-67.0914

■ 75.8000, 36.5806,
-66.4766

■ 206.5050, 23.9080,
-61.8329

■ 58.6340, 31.7324,
-51.4220

■ 228.3890, 13.1192,
-54.7152

■ 42.8700, 27.1791,
-37.5970

■ 237.6580, 8.5496,
-35.6571

■ 27.8070, 22.7731,
-24.3867

■ 246.6280, 4.1274,
-17.2138

■ 8.1620, 21.1191,
-7.1581

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 117.8730, 42.4606,
-85.8346

■ 117.8730, 42.4606,
-85.8346

■ 108.3710, 47.1451,
-95.0414

■ 127.3750, 37.7761,
-76.6279

■ 137.1760, 32.9442,
-66.8064

■ 146.6780, 28.2597,
-57.5996

■ 156.4790, 23.4279,
-47.7781

■ 165.3940, 19.0328,
-38.0565

■ 174.8960, 14.3483,
-28.8498

■ 184.6970, 9.5164,
-19.0283

■ 194.1990, 4.8319,
-9.8215

■ 204.0000, 0.0000,
0.0000

Harmonies

Analogous

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



113.0210, 34.4996, -99.1194



117.8730, 42.4606, -85.8346



138.4720, 34.2773, -27.6009

Triad

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



117.8730, 42.4606, -85.8346



142.8590, -5.8465, 55.3747



133.5270, -22.9378, -16.2482

Complementary

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



117.8730, 42.4606, -85.8346



106.1270, -42.4606, 85.8346

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.



137.5970, -32.3393, 12.6314



117.8730, 42.4606, -85.8346



141.3520, -20.3865, 52.3113

Square

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



117.8730, 42.4606, -85.8346



145.0110, 10.3476, 41.2094



140.0930, -31.1048, 36.7524



126.0140, -4.9369, -50.0013

Rectangle

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



117.8730, 42.4606, -85.8346



143.0410, 28.0808, -0.0360



140.0930, -31.1048, 36.7524



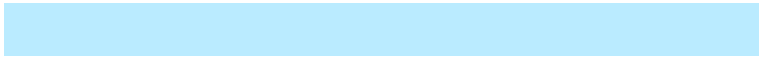
134.8550, -27.0435, -6.0118

Sweetspot

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



117.8730, 42.4606, -85.8346



222.6290, 15.9589, -32.1236



133.9360, -30.5344, -99.9219



108.6970, 9.5164, -19.0283



0.0000, 0.0000, 0.0000



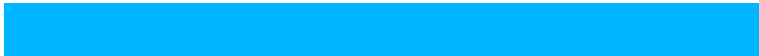
128.0000, 0.0000, 0.0000

Same Dimension

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



117.8730, 42.4606, -85.8346



135.9040, 58.7143, -119.1878



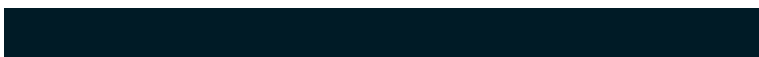
64.4560, 68.7952, -38.9879



97.2490, 2.3422, -4.6034



88.1900, 38.3603, -77.3426



20.1810, 8.7848, -17.6987

Inverse Universe

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



89.9500, 30.0977, 100.0219



96.9930, 41.9085, 138.5721



159.5440, -68.7952, 38.9879



95.7880, 1.5835, 5.4479



63.0860, 27.0726, 90.2556



14.4400, 6.1921, 20.6621

Previews

White Background



This preview shows how the YUV color 117.8730, 42.4606, -85.8346 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 117.8730, 42.4606, -85.8346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

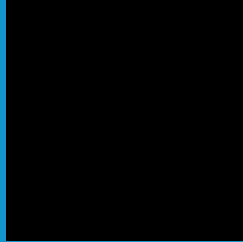
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.8730, 42.4606, -85.8346

Background



This preview shows how black text looks on a background with the YUV color 117.8730, 42.4606, -85.8346.

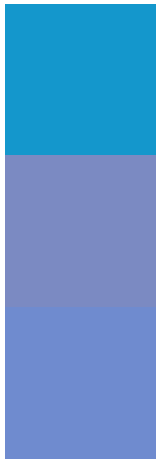


This preview shows how white text looks on a background with the YUV color 117.8730, 42.4606, -85.8346.

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

117.8730, 42.4606, -85.8346

Protanopia

139.8990, 26.6718, -14.8204

Deuteranopia

138.3800, 33.8297, -24.0123



Tritanopia

110.7240, 28.2371, -97.1049

Trichromacy



Original Color

117.8730, 42.4606, -85.8346

Protanomaly

132.2270, 32.4261, -40.5411

Deuteranomaly

130.7470, 37.0997, -46.2591

Tritanomaly

113.1250, 33.4624, -93.0716

Monochromacy



Original Color

117.8730, 42.4606, -85.8346

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.8140, 15.3747, -31.4089

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8730, 42.4606, -85.8346 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(20, 151, 204)` looks like.

```
.text, #text, p{  
    color:rgb(20, 151, 204)  
}
```

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(20, 151, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 151, 204) }
```

Border

The CSS property to change the border of an element to YUV 117.8730, 42.4606, -85.8346 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(20, 151, 204) }
```


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

```
.border{ border-color:rgb(20, 151, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 151, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 151, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 151, 204);  
box-shadow:4px 4px 4px 4px rgb(20, 151,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 117.8730, 42.4606, -85.8346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 151, 204) }
```

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

```
.background{ background-color: rgb(20, 151,  
204) }
```

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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