

Converting Colors

YUV(111.5970, 54.4287,
-97.8706)

Have a look what the booklet for
YUV(111.5970, 54.4287, -97.8706)
contains.

YUV(111.5970, 54.4287, -97.8706)	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>	30

Color

**YUV(111.5970, 54.4287,
-97.8706)**

Conversions

Conversions Part 1

Format	Color
Hex	0093DE
RGB	0, 147, 222
RGB Percent	0%, 58%, 87%
CMY	1.0000, 0.4235, 0.1294
CMYK	1.00, 0.34, 0.00, 0.13
HSL	200°, 100%, 44%
HSV	200°, 100%, 87%
XYZ	23.6185, 26.1414, 72.9082
YIQ	111.5970, -111.6870, -7.8390

Conversions

Conversions Part 2

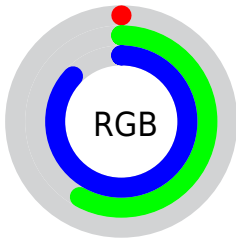
Format	Color
R_{YB}	0, 88, 222
Decimal	37854
CIE _{Lab}	58.17, -5.36, -47.09
CIE _{LCh}	58, 47.395, 263.511
Yxy	26.1414, 0.1925, 0.2131
Android (android.graphics.Color)	4278227934 (0xFF0093DE)
YUV	111.5970, 54.4287, -97.8706
Hunter-Lab	51.1286, -7.0182, -48.7561

Details

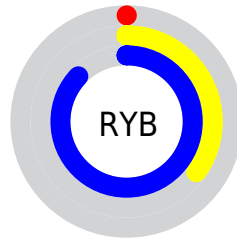
The YUV color **111.5970, 54.4287, -97.8706** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **110.4030, -54.4287, 97.8706**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1530, 37.8856, -65.0322**, and **75.8630, 44.4375, -66.5319** is the 20% darker color. If you saturate the color by 10%, you get **111.5970, 54.4287, -97.8706**, and if you desaturate by 10%, it is **122.8710, 48.8706, -88.4639**.

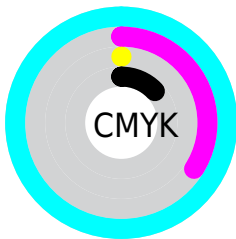
Distribution



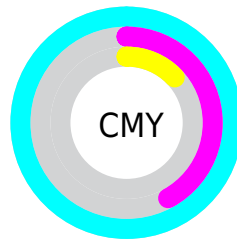
- Red (0%)
- Green (58%)
- Blue (87%)



- Red (0%)
- Yellow (35%)
- Blue (87%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (42%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.5970, 54.4287, -97.8706 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 111.5970, 54.4287, -97.8706 by changing the saturation by 10% instead.

■ 111.5970, 54.4287,
-97.8706

■ 111.5970, 54.4287,
-97.8706

255.0000, 0.0000,
0.0000

■ 93.1430, 49.7225,
-81.6864

■ 178.1530, 37.8856,
-65.0322

■ 75.8630, 44.4375,
-66.5319

■ 204.1570, 25.0656,
-59.7737

■ 58.8110, 40.0262,
-51.5772

■ 228.9870, 12.8244,
-53.4856

■ 42.9330, 35.0360,
-37.6522

■ 238.2560, 8.2548,
-34.4275

■ 28.3430, 29.9039,
-24.8568

■ 247.5250, 3.6852,
-15.3694

■ 11.5190, 26.3661,
-10.1022

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 111.5970, 54.4287,
-97.8706

■ 122.8710, 48.8706,
-88.4639

■ 133.5580, 43.6019,
-78.5424

■ 145.1310, 37.8964,
-68.5209

■ 155.8180, 32.6277,
-58.5994

■ 167.0920, 27.0696,
-49.1927

■ 177.7790, 21.8010,
-39.2712

■ 189.0530, 16.2429,
-29.8645

■ 200.0390, 10.8268,
-19.3282

■ 211.3130, 5.2687,
-9.9215

Harmonies

Analogous

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



115.0560, 44.8354, -100.9041



111.5970, 54.4287, -97.8706



140.6680, 37.1387, -11.9868

Triad

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



111.5970, 54.4287, -97.8706



139.5310, -15.0518, 67.9403



125.5240, -18.4993, -39.9245

Complementary

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



111.5970, 54.4287, -97.8706



110.4030, -54.4287, 97.8706

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.



132.2980, -35.6429, -1.1383



111.5970, 54.4287, -97.8706



138.3880, -31.7433, 54.9107

Square

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



111.5970, 54.4287, -97.8706



141.9380, 4.4676, 60.5674



135.9430, -40.3979, 30.7450



108.6260, 10.0444, -95.2650

Rectangle

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



111.5970, 54.4287, -97.8706



143.7600, 27.7263, 20.3815



135.9430, -40.3979, 30.7450



128.1900, -25.2367, -25.5996

Sweetspot

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



111.5970, 54.4287, -97.8706



217.0140, 18.7271, -33.3383



138.7500, -31.9217, -121.6838



104.8540, 11.4110, -20.0430



0.0000, 0.0000, 0.0000



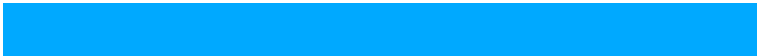
128.0000, 0.0000, 0.0000

Same Dimension

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



111.5970, 54.4287, -97.8706



128.2730, 62.4764, -112.4954



47.0270, 86.2617, -41.2427



106.3630, 2.7790, -4.7034



88.7430, 43.0177, -77.8276



24.2560, 11.7058, -21.2725

Inverse Universe

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



83.1360, 31.4850, 121.7837



95.5110, 36.2301, 139.8719



174.9730, -86.2617, 41.2427



105.0870, 1.4361, 6.0627



65.9620, 25.1617, 96.5033



18.0000, 6.9020, 26.3100

Previews

White Background



This preview shows how the YUV color 111.5970, 54.4287, -97.8706 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 111.5970, 54.4287, -97.8706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

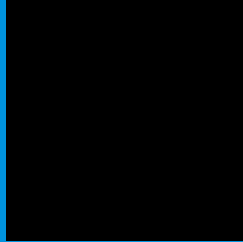
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 111.5970, 54.4287, -97.8706

Background



This preview shows how black text looks on a background with the YUV color 111.5970, 54.4287, -97.8706.



This preview shows how white text looks on a background with the YUV color 111.5970, 54.4287, -97.8706.

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



Protanopia

138.1890, 36.8818, -22.9678

Deuteranopia

133.7400, 44.4982, -39.2370

Tritanopia

109.9090, 27.6529, -96.3902

Trichromacy



Protanomaly

128.6200, 43.0783, -50.5327

Deuteranomaly

125.8190, 47.9102, -60.3543

Tritanomaly

110.4280, 37.2570, -96.8454

Monochromacy



Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.9320, 19.7535, -35.8974

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.5970, 54.4287, -97.8706 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, 147, 222)` looks like.

```
.text, #text, p{  
    color:rgb(0, 147, 222)  
}
```

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, 147, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 147, 222) }
```

Border

The CSS property to change the border of an element to YUV 111.5970, 54.4287, -97.8706 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, 147, 222) }
```

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

```
.border{ border-color:rgb(0, 147, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 147, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 147, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 147, 222);  
box-shadow:4px 4px 4px 4px rgb(0, 147,  
222) }
```


Background

The CSS property to change the background color of an element to YUV 111.5970, 54.4287, -97.8706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 147, 222) }
```

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

```
.background{ background-color: rgb(0, 147,  
222) }
```

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