

Converting Colors

YUV(111.0150, 36.9676,
-97.3602)

Have a look what the booklet for
YUV(111.0150, 36.9676, -97.3602)
contains.

YUV(111.0150, 36.9676, -97.3602)	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(111.0150, 36.9676,
-97.3602)**

Conversions

Conversions Part 1

Format	Color
Hex	0099BA
RGB	0, 153, 186
RGB Percent	0%, 60%, 73%
CMY	1.0000, 0.4000, 0.2706
CMYK	1.00, 0.18, 0.00, 0.27
HSL	191°, 100%, 36%
HSV	191°, 100%, 73%
XYZ	20.2542, 26.3276, 50.4686
YIQ	111.0150, -101.7810, -22.1730

Conversions

Conversions Part 2

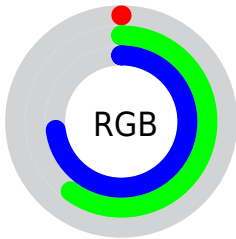
Format	Color
RYB	0, 84, 186
Decimal	39354
CIELab	58.35, -21.81, -26.60
CIELCh	58, 34.396, 230.647
Yxy	26.3276, 0.2087, 0.2713
Android (android.graphics.Color)	4278229434 (0xFF0099BA)
YUV	111.0150, 36.9676, -97.3602
Hunter-Lab	51.3105, -19.3327, -22.3999

Details

The YUV color **111.0150, 36.9676, -97.3602** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **74.9850, -36.9676, 97.3602**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.3880, 31.3607, -72.2543**, and **75.0360, 28.5763, -65.8066** is the 20% darker color. If you saturate the color by 10%, you get **111.0150, 36.9676, -97.3602**, and if you desaturate by 10%, it is **118.4570, 33.2987, -87.2238**.

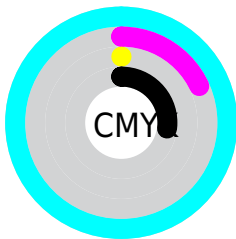
Distribution



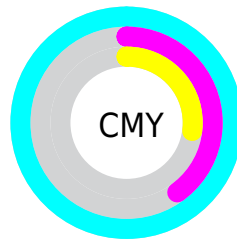
- Red (0%)
- Green (60%)
- Blue (73%)



- Red (0%)
- Yellow (33%)
- Blue (73%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.0150, 36.9676, -97.3602 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 111.0150, 36.9676, -97.3602 by changing the saturation by 10% instead.

■ 111.0150, 36.9676,
-97.3602

■ 111.0150, 36.9676,
-97.3602

■ 255.0000, 0.0000,
0.0000

■ 92.6750, 32.6982,
-81.2760

■ 178.3880, 31.3607,
-72.2543

■ 75.0360, 28.5763,
-65.8066

■ 205.8740, 24.2191,
-68.2955

■ 57.9840, 24.1649,
-50.8520

■ 225.9970, 14.2985,
-59.6334

■ 41.1600, 20.6271,
-36.0973

■ 235.2660, 9.7289,
-40.5753

■ 26.7980, 16.3686,
-23.5018

■ 244.2360, 5.3067,
-22.1320

■ 6.0930, 15.7302,
-5.3436

■ 253.5050, 0.7370,

■ 2.2970, 6.2626,

-3.0739

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 111.0150, 36.9676,
-97.3602

■ 118.4570, 33.2987,
-87.2238

■ 126.1870, 29.4878,
-78.2170

■ 133.6290, 25.8189,
-68.0806

■ 140.7720, 22.2974,
-58.5590

■ 148.8010, 18.3391,
-48.9375

■ 156.2430, 14.6702,
-38.8011

■ 163.3860, 11.1487,
-29.2795

■ 170.8280, 7.4798,
-19.1432

■ 178.5580, 3.6689,
-10.1364

Harmonies

Analogous

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



109.8120, 24.7427, -96.3051



111.0150, 36.9676, -97.3602



131.7100, 33.1740, -47.1037

Triad

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



111.0150, 36.9676, -97.3602



143.3010, 3.7956, 42.7090



136.1380, -26.1970, 2.5100

Complementary

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



111.0150, 36.9676, -97.3602



74.9850, -36.9676, 97.3602

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.



138.7110, -28.4515, 25.6865



111.0150, 36.9676, -97.3602



142.5610, -10.6296, 49.4970

Square

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



111.0150, 36.9676, -97.3602



144.3120, 17.1012, 21.6514



141.0150, -22.6854, 42.9598



131.8340, -15.2012, -24.4104

Rectangle

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



111.0150, 36.9676, -97.3602



138.9520, 29.6037, -21.8829



141.0150, -22.6854, 42.9598



137.0250, -28.1133, 10.5021

Sweetspot

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



111.0150, 36.9676, -97.3602



212.8410, 14.3754, -37.5716



112.7160, -40.2860, -98.8519



104.7350, 8.5116, -23.4466



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



111.0150, 36.9676, -97.3602



144.4010, 48.1163, -126.6397



57.5980, 63.3022, -50.5134



88.1350, 1.9054, -4.5034



92.9200, 31.0984, -81.4908



16.6930, 5.5744, -14.6398

Inverse Universe

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



73.0560, 39.4124, 99.0519



95.0440, 51.2503, 128.8804



128.4020, -63.3022, 50.5134



86.4890, 1.7309, 4.8331



61.2360, 32.9147, 83.1080



10.9940, 5.9190, 14.9143

Previews

White Background



This preview shows how the YUV color 111.0150, 36.9676, -97.3602 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 111.0150, 36.9676, -97.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

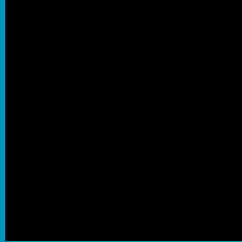
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 111.0150, 36.9676, -97.3602

Background



This preview shows how black text looks on a background with the YUV color 111.0150, 36.9676, -97.3602.



This preview shows how white text looks on a background with the YUV color 111.0150, 36.9676, -97.3602.

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

139.8260, 17.3408, -8.6174

Deuteranopia

140.0410, 24.6298, -13.1910

Tritanopia

110.0230, 28.0897, -96.4902

Trichromacy



Protanomaly

129.1640, 24.5691, -40.4858

Deuteranomaly

129.4070, 29.3793, -43.3299

Tritanomaly

110.2340, 31.4366, -96.6752

Monochromacy



Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.9230, 13.3490, -35.0125

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.0150, 36.9676, -97.3602 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, 153, 186)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 186)  
}
```

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, 153, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 186) }
```

Border

The CSS property to change the border of an element to YUV 111.0150, 36.9676, -97.3602 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, 153, 186) }
```

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

```
.border{ border-color:rgb(0, 153, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
186) }
```


Background

The CSS property to change the background color of an element to YUV 111.0150, 36.9676, -97.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 186) }
```

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

```
.background{ background-color: rgb(0, 153,  
186) }
```

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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