

Converting Colors

YUV(91.3700, 35.3136,
-80.1315)

Have a look what the booklet for
YUV(91.3700, 35.3136, -80.1315)
contains.

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Color

**YUV(91.3700, 35.3136,
-80.1315)**

Conversions

Conversions Part 1

Format	Color
Hex	007CA3
RGB	0, 124, 163
RGB Percent	0%, 49%, 64%
CMY	1.0000, 0.5137, 0.3608
CMYK	1.00, 0.24, 0.00, 0.36
HSL	194°, 100%, 32%
HSV	194°, 100%, 64%
XYZ	13.8185, 17.0596, 37.2149
YIQ	91.3700, -86.4230, -14.1590

Conversions

Conversions Part 2

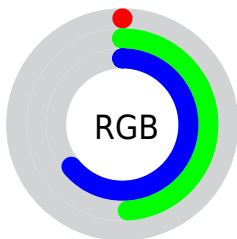
Format	Color
RYB	0, 70, 163
Decimal	31907
CIELab	48.34, -14.39, -28.91
CIELCh	48, 32.297, 243.533
Yxy	17.0596, 0.2029, 0.2505
Android (android.graphics.Color)	4278221987 (0xFF007CA3)
YUV	91.3700, 35.3136, -80.1315
Hunter-Lab	41.3033, -12.5616, -24.5088

Details

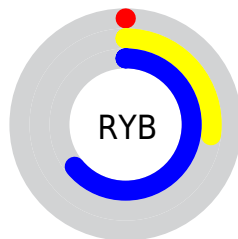
The YUV color **91.3700, 35.3136, -80.1315** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **71.6300, -35.3136, 80.1315**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.0630, 31.0279, -58.8143**, and **56.6790, 26.7803, -49.7075** is the 20% darker color. If you saturate the color by 10%, you get **91.3700, 35.3136, -80.1315**, and if you desaturate by 10%, it is **98.5020, 31.7975, -72.3543**.

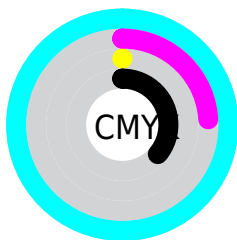
Distribution



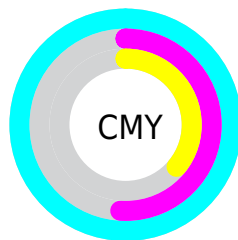
- Red (0%)
- Green (49%)
- Blue (64%)



- Red (0%)
- Yellow (27%)
- Blue (64%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.3700, 35.3136, -80.1315 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 91.3700, 35.3136, -80.1315 by changing the saturation by 10% instead.

91.3700, 35.3136,
-80.1315

91.3700, 35.3136,
-80.1315

255.0000, 0.0000,
0.0000

73.7310, 31.1916,
-64.6621

155.0630, 31.0279,
-58.8143

56.6790, 26.7803,
-49.7075

183.4870, 31.3119,
-56.5551

40.3280, 22.5163,
-35.3677

209.5060, 22.4285,
-53.9408

25.9660, 18.2578,
-22.7722

231.9770, 11.3503,
-47.3378

6.4350, 17.0405,
-5.6435

240.6480, 7.0755,
-29.5093

2.7530, 8.0098,
-2.4144

249.6180, 2.6533,

0.0000, 0.0000,

-11.0660

0.0000

■ 91.3700, 35.3136,
-80.1315

■ 98.5020, 31.7975,
-72.3543

■ 105.9330, 28.1340,
-63.9622

■ 113.0650, 24.6180,
-56.1850

■ 120.1970, 21.1019,
-48.4078

■ 127.6280, 17.4384,
-40.0158

■ 134.1730, 14.2117,
-31.7237

■ 141.3050, 10.6956,
-23.9465

■ 148.4370, 7.1796,
-16.1692

■ 155.8680, 3.5161,
-7.7772

Harmonies

Analogous

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



91.5520, 25.8569, -80.2911



91.3700, 35.3136, -80.1315



110.6800, 28.7518, -28.6604

Triad

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



91.3700, 35.3136, -80.1315



117.1070, -2.0248, 42.8792



109.2660, -20.3441, -8.1263

Complementary

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



91.3700, 35.3136, -80.1315



71.6300, -35.3136, 80.1315

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.



112.2150, -26.2350, 14.7204



91.3700, 35.3136, -80.1315



115.4910, -14.5391, 43.4194

Square

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



91.3700, 35.3136, -80.1315



118.3470, 10.6749, 29.5137



114.6070, -23.9633, 32.7937



104.5430, -7.1697, -33.8022

Rectangle

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



91.3700, 35.3136, -80.1315



115.9710, 24.1713, -6.1136



114.6070, -23.9633, 32.7937



110.5120, -23.4234, -0.4490

Sweetspot

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



91.3700, 35.3136, -80.1315



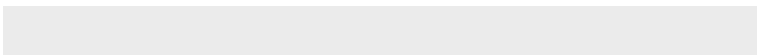
183.4720, 14.0643, -31.1089



100.0130, -30.5724, -87.7114



90.3550, 8.2060, -18.7283



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



91.3700, 35.3136, -80.1315



118.6750, 46.0092, -104.0780



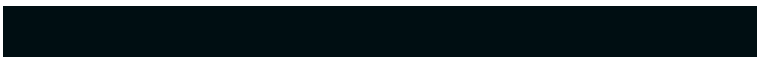
43.8230, 58.7543, -38.4328



78.1350, 1.9054, -4.5034



81.6870, 31.2133, -71.6395



10.2700, 3.8109, -9.0068

Inverse Universe

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



62.8730, 30.1356, 87.8114



81.7420, 39.0742, 114.2363



119.1770, -58.7543, 38.4328



76.4890, 1.7309, 4.8331



56.0090, 27.1106, 78.0451



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 91.3700, 35.3136, -80.1315 looks on a white 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

Black Background



This preview shows how the YUV color 91.3700, 35.3136, -80.1315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

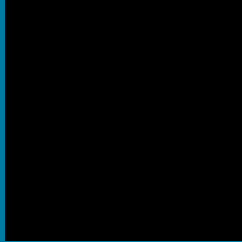
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.3700, 35.3136, -80.1315

Background



This preview shows how black text looks on a background with the YUV color 91.3700, 35.3136, -80.1315.



This preview shows how white text looks on a background with the YUV color 91.3700, 35.3136, -80.1315.

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

114.6840, 19.3828, -10.2469

Deuteranopia

113.2470, 25.5142, -16.8796

Tritanopia

90.1670, 23.0887, -79.0765

Trichromacy



Protanomaly

106.3110, 24.9897, -35.3527

Deuteranomaly

105.3150, 28.9317, -39.7413

Tritanomaly

90.6060, 27.3092, -79.4615

Monochromacy



Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.1410, 12.7485, -29.0647

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.3700, 35.3136, -80.1315 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, 124, 163)` looks like.

```
.text, #text, p{  
    color:rgb(0, 124, 163)  
}
```

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, 124, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 124, 163) }
```

Border

The CSS property to change the border of an element to YUV 91.3700, 35.3136, -80.1315 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, 124, 163) }
```

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

```
.border{ border-color:rgb(0, 124, 163) }
```

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

Here you see how a box with a 4 pixel rgb(0, 124, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 124, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 124, 163);  
box-shadow:4px 4px 4px 4px rgb(0, 124,  
163) }
```


Background

The CSS property to change the background color of an element to YUV 91.3700, 35.3136, -80.1315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 124, 163) }
```

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

```
.background{ background-color: rgb(0, 124,  
163) }
```

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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