

Converting Colors

YUV(104.9340, 36.5145,
-92.0271)

Have a look what the booklet for
YUV(104.9340, 36.5145, -92.0271)
contains.

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Color

**YUV(104.9340, 36.5145,
-92.0271)**

Conversions

Conversions Part 1

Format	Color
Hex	0090B3
RGB	0, 144, 179
RGB Percent	0%, 56%, 70%
CMY	1.0000, 0.4353, 0.2980
CMYK	1.00, 0.20, 0.00, 0.30
HSL	192°, 100%, 35%
HSV	192°, 100%, 70%
XYZ	18.1099, 23.2012, 46.1716
YIQ	104.9340, -97.0590, -19.6430

Conversions

Conversions Part 2

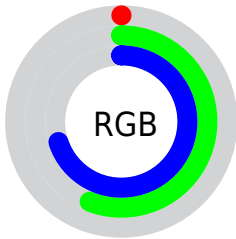
Format	Color
RYB	0, 80, 179
Decimal	37043
CIELab	55.28, -19.52, -27.36
CIELCh	55, 33.612, 234.494
Yxy	23.2012, 0.2070, 0.2652
Android (android.graphics.Color)	4278227123 (0xFF0090B3)
YUV	104.9340, 36.5145, -92.0271
Hunter-Lab	48.1676, -17.1813, -23.1158

Details

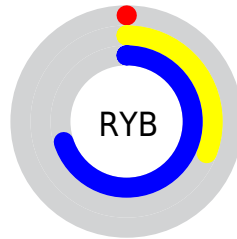
The YUV color **104.9340, 36.5145, -92.0271** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **74.0660, -36.5145, 92.0271**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.1220, 31.4919, -67.6360**, and **68.9550, 28.1232, -60.4735** is the 20% darker color. If you saturate the color by 10%, you get **104.9340, 36.5145, -92.0271**, and if you desaturate by 10%, it is **112.0770, 32.9930, -82.5055**.

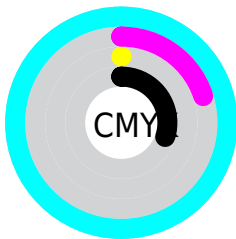
Distribution



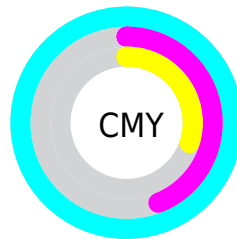
- Red (0%)
- Green (56%)
- Blue (70%)



- Red (0%)
- Yellow (31%)
- Blue (70%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (44%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.9340, 36.5145, -92.0271 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 104.9340, 36.5145, -92.0271 by changing the saturation by 10% instead.

■ 104.9340, 36.5145,
-92.0271

■ 104.9340, 36.5145,
-92.0271

■ 255.0000, 0.0000,
0.0000

■ 86.5940, 32.2452,
-75.9429

■ 171.1220, 31.4919,
-67.6360

■ 68.9550, 28.1232,
-60.4735

■ 199.1070, 27.5552,
-64.9918

■ 52.6040, 23.8592,
-46.1337

■ 225.1000, 14.7407,
-61.4777

■ 36.3670, 20.0321,
-31.8939

■ 234.0700, 10.3185,
-43.0344

■ 22.5920, 15.4841,
-19.8132

■ 243.0400, 5.8963,
-24.5911

■ 4.8220, 13.3988,
-4.2289

■ 252.3090, 1.3267,

■ 0.5700, 2.1840,

-5.5330

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 104.9340, 36.5145,
-92.0271

■ 112.0770, 32.9930,
-82.5055

■ 119.8070, 29.1821,
-73.4987

■ 127.5370, 25.3713,
-64.4919

■ 134.6800, 21.8498,
-54.9704

■ 142.4100, 18.0389,
-45.9636

■ 149.2540, 14.6648,
-37.0568

■ 156.9840, 10.8539,
-28.0500

■ 164.1270, 7.3324,
-18.5284

■ 171.8570, 3.5215,
-9.5216

Harmonies

Analogous

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



104.0730, 25.6000, -91.2720



104.9340, 36.5145, -92.0271



125.4010, 31.8473, -41.5707

Triad

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



104.9340, 36.5145, -92.0271



135.4320, 1.7590, 42.5941



127.8710, -24.5864, -0.7639

Complementary

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



104.9340, 36.5145, -92.0271



74.0660, -36.5145, 92.0271

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.



130.8030, -28.0039, 22.0978



104.9340, 36.5145, -92.0271



133.9090, -11.7871, 47.4378

Square

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



104.9340, 36.5145, -92.0271



136.1660, 15.2012, 24.4104



132.8790, -23.1113, 39.5711



123.5070, -12.5750, -26.7546

Rectangle

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



104.9340, 36.5145, -92.0271



131.3440, 28.4244, -16.9647



132.8790, -23.1113, 39.5711



128.7580, -26.5027, 7.2282

Sweetspot

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



104.9340, 36.5145, -92.0271



202.8520, 14.3700, -35.8272



108.8350, -37.3867, -95.4483



99.7460, 8.5062, -21.7022



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



104.9340, 36.5145, -92.0271



136.2170, 47.2210, -119.4623



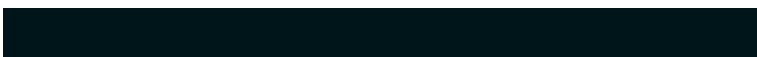
53.8650, 61.6916, -47.2396



85.7220, 1.6161, -5.0182



89.6430, 31.2350, -78.6169



15.2910, 5.2795, -13.4102

Inverse Universe

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



69.9370, 36.5131, 95.6483



90.6860, 47.4828, 123.9324



125.1350, -61.6916, 47.2396



83.6030, 2.1677, 4.7332



59.7690, 31.1729, 81.7636



10.1680, 5.3402, 13.8847

Previews

White Background



This preview shows how the YUV color 104.9340, 36.5145, -92.0271 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 104.9340, 36.5145, -92.0271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

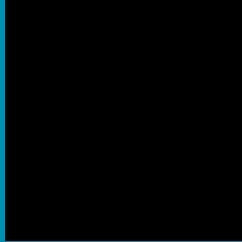
Any Text WCAG AA ✓ Pass

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 104.9340, 36.5145, -92.0271 Background



This preview shows how black text looks on a background with the YUV color 104.9340, 36.5145, -92.0271.

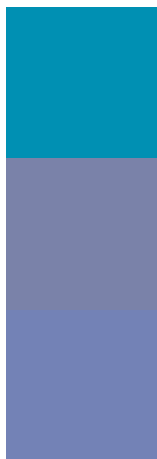


This preview shows how white text looks on a background with the YUV color 104.9340, 36.5145, -92.0271.

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

104.9340, 36.5145, -92.0271

Protanopia

132.0540, 18.2144, -8.8174

Deuteranopia

131.4430, 24.9246, -14.4205



Tritanopia

104.3010, 26.4736, -91.4720

Trichromacy



Original Color

104.9340, 36.5145, -92.0271

Protanomaly

122.2890, 25.0005, -38.8415

Deuteranomaly

121.7060, 29.2319, -42.7152

Tritanomaly

104.6260, 30.2574, -91.7570

Monochromacy



Original Color

104.9340, 36.5145, -92.0271

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9340, 13.3435, -33.2681

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.9340, 36.5145, -92.0271 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, 144, 179)` looks like.

```
.text, #text, p{  
    color:rgb(0, 144, 179)  
}
```

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, 144, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 144, 179) }
```

Border

The CSS property to change the border of an element to YUV 104.9340, 36.5145, -92.0271 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, 144, 179) }
```


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

```
.border{ border-color:rgb(0, 144, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 144, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 144, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 144, 179);  
box-shadow:4px 4px 4px 4px rgb(0, 144,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 104.9340, 36.5145, -92.0271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 144, 179) }
```

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

```
.background{ background-color: rgb(0, 144,  
179) }
```

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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