

Converting Colors

YUV(94.0880, 36.4386,
-67.6062)

Have a look what the booklet for
YUV(94.0880, 36.4386, -67.6062)
contains.

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Color

**YUV(94.0880, 36.4386,
-67.6062)**

Conversions

Conversions Part 1

Format	Color
Hex	1177A8
RGB	17, 119, 168
RGB Percent	7%, 47%, 66%
CMY	0.9333, 0.5333, 0.3412
CMYK	0.90, 0.29, 0.00, 0.34
HSL	199°, 82%, 36%
HSV	199°, 90%, 66%
XYZ	13.8959, 16.1400, 39.4287
YIQ	94.0880, -76.5210, -6.3850

Conversions

Conversions Part 2

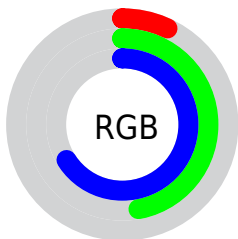
Format	Color
RYB	17, 78, 168
Decimal	1144744
CIELab	47.16, -8.83, -33.66
CIELCh	47, 34.801, 255.303
Yxy	16.1400, 0.2000, 0.2323
Android (android.graphics.Color)	4279334824 (0xFF1177A8)
YUV	94.0880, 36.4386, -67.6062
Hunter-Lab	40.1746, -8.5647, -30.0670

Details

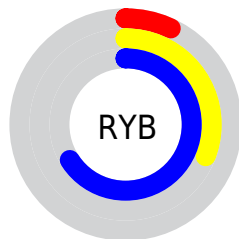
The YUV color **94.0880, 36.4386, -67.6062** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **90.9120, -36.4386, 67.6062**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.6060, 34.2112, -53.1515**, and **54.9010, 30.1218, -48.1482** is the 20% darker color. If you saturate the color by 10%, you get **86.0700, 40.3915, -75.4834**, and if you desaturate by 10%, it is **102.1060, 32.4857, -59.7290**.

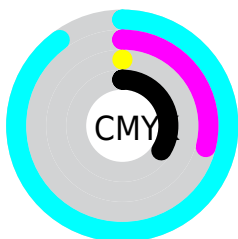
Distribution



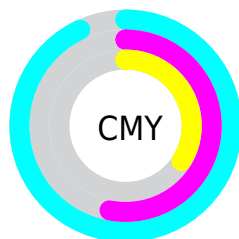
- Red (7%)
- Green (47%)
- Blue (66%)



- Red (7%)
- Yellow (31%)
- Blue (66%)



- Cyan (90%)
- Magenta (29%)
- Yellow (0%)
- Black (34%)



- Cyan (93%)
- Magenta (53%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.0880, 36.4386, -67.6062 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 94.0880, 36.4386, -67.6062 by changing the saturation by 10% instead.

■ 94.0880, 36.4386,
-67.6062

■ 94.0880, 36.4386,
-67.6062

■ 255.0000, 0.0000,
0.0000

■ 71.2520, 34.3858,
-62.4880

■ 153.6060, 34.2112,
-53.1515

■ 54.9010, 30.1218,
-48.1482

■ 181.7310, 34.6426,
-51.5071

■ 39.1370, 25.5685,
-34.3231

■ 207.4790, 23.4279,
-47.7781

■ 24.0740, 21.1625,
-21.1129

■ 233.1730, 10.7607,
-44.8787

■ 6.8910, 18.7877,
-6.0434

■ 242.1430, 6.3385,
-26.4354

■ 3.2090, 9.7570,
-2.8143

■ 251.1130, 1.9163,

■ 0.0000, 0.0000,

-7.9921

0.0000

■ 94.0880, 36.4386,
-67.6062

■ 94.0880, 36.4386,
-67.6062

■ 86.0700, 40.3915,
-75.4834

■ 102.1060, 32.4857,
-59.7290

■ 85.4830, 40.6809,
-74.9686

■ 110.7110, 28.2435,
-52.3665

■ 118.4300, 24.4380,
-45.1041

■ 127.0350, 20.1957,
-37.7417

■ 135.0530, 16.2429,
-29.8645

■ 143.6580, 12.0006,
-22.5021

■ 151.6760, 8.0477,
-14.6249

■ 159.9820, 3.9529,
-7.8772

■ 168.0000, 0.0000,
0.0000

Harmonies

Analogous

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



90.8170, 30.6562, -79.6465



94.0880, 36.4386, -67.6062



110.9310, 28.1350, -17.4795

Triad

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



94.0880, 36.4386, -67.6062



113.0600, -7.4246, 48.1824



103.9980, -17.2540, -19.2922

Complementary

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



94.0880, 36.4386, -67.6062



90.9120, -36.4386, 67.6062

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.



108.0460, -26.6447, 6.0987



94.0880, 36.4386, -67.6062



111.9980, -20.2120, 42.9748

Square

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



94.0880, 36.4386, -67.6062



114.8490, 5.9904, 38.7204



110.3630, -27.2940, 27.7456



95.9690, 0.0153, -51.7158

Rectangle

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



94.0880, 36.4386, -67.6062



114.2930, 22.5336, 5.8820



110.3630, -27.2940, 27.7456



105.6140, -21.5017, -10.1855

Sweetspot

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



94.0880, 36.4386, -67.6062



190.2060, 14.1954, -26.4907



111.1090, -22.7317, -82.5336



92.4910, 8.6319, -15.3396



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



94.0880, 36.4386, -67.6062



111.8420, 52.8289, -98.0854



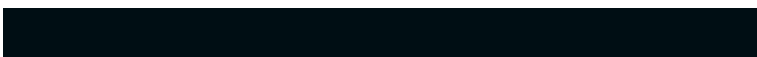
50.6500, 57.8535, -29.5110



79.8470, 2.0474, -3.3738



75.5720, 35.7070, -66.2766



10.4980, 4.6845, -9.2067

Inverse Universe

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



73.7770, 22.2949, 82.6336



82.3530, 32.3640, 119.8394



134.3500, -57.8535, 29.5111



78.9620, 1.0047, 4.4183



55.6520, 21.8636, 80.9892



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 94.0880, 36.4386, -67.6062 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 94.0880, 36.4386, -67.6062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

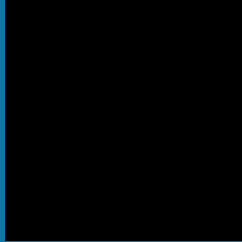
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.0880, 36.4386, -67.6062

Background



This preview shows how black text looks on a background with the YUV color 94.0880, 36.4386, -67.6062.

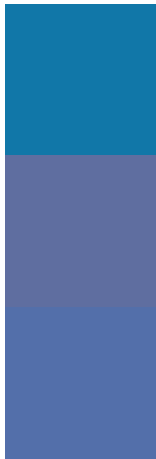


This preview shows how white text looks on a background with the YUV color 94.0880, 36.4386, -67.6062.

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

94.0880, 36.4386, -67.6062

Protanopia

111.2150, 24.0510, -14.2206

Deuteranopia

109.3540, 29.8985, -23.1125



Tritanopia

87.9500, 22.2096, -77.1321

Trichromacy



Original Color

94.0880, 36.4386, -67.6062

Protanomaly

104.9460, 28.6206, -33.2786

Deuteranomaly

103.8250, 32.1313, -39.3115

Tritanomaly

90.0520, 27.5824, -73.7136

Monochromacy



Original Color

94.0880, 36.4386, -67.6062

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9890, 13.3164, -24.5464

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.0880, 36.4386, -67.6062 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(17, 119, 168)` looks like.

```
.text, #text, p{  
    color:rgb(17, 119, 168)  
}
```

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(17, 119, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 119, 168) }
```

Border

The CSS property to change the border of an element to YUV 94.0880, 36.4386, -67.6062 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(17, 119, 168) }
```


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

```
.border{ border-color:rgb(17, 119, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 119, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(17, 119, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(17, 119, 168); box-shadow:4px 4px 4px 4px rgb(17, 119, 168) }
```

Background

The CSS property to change the background color of an element to YUV 94.0880, 36.4386, -67.6062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 119, 168) }
```

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

```
.background{ background-color: rgb(17, 119,  
168) }
```

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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