

Converting Colors

YUV(100.5330, 34.7402,
-82.9054)

Have a look what the booklet for
YUV(100.5330, 34.7402, -82.9054)
contains.

YUV(100.5330, 34.7402, -82.9054)	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>	31

Color

**YUV(100.5330, 34.7402,
-82.9054)**

Conversions

Conversions Part 1

Format	Color
Hex	0687AB
RGB	6, 135, 171
RGB Percent	2%, 53%, 67%
CMY	0.9765, 0.4706, 0.3294
CMYK	0.96, 0.21, 0.00, 0.33
HSL	193°, 93%, 35%
HSV	193°, 96%, 67%
XYZ	16.0898, 20.3069, 41.5997
YIQ	100.5330, -88.4400, -16.1520

Conversions

Conversions Part 2

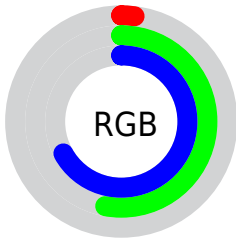
Format	Color
RYB	6, 78, 171
Decimal	427947
CIELab	52.18, -17.30, -27.57
CIELCh	52, 32.546, 237.894
Yxy	20.3069, 0.2063, 0.2604
Android (android.graphics.Color)	4278618027 (0xFF0687AB)
YUV	100.5330, 34.7402, -82.9054
Hunter-Lab	45.0632, -15.1274, -23.1888

Details

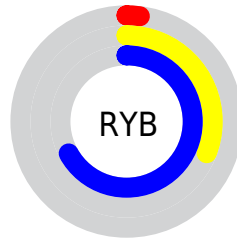
The YUV color **100.5330, 34.7402, -82.9054** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **76.4670, -34.7402, 82.9054**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6280, 30.7494, -62.8178**, and **63.4610, 27.3807, -55.6553** is the 20% darker color. If you saturate the color by 10%, you get **98.1520, 35.9141, -86.0793**, and if you desaturate by 10%, it is **107.9640, 31.0767, -74.5134**.

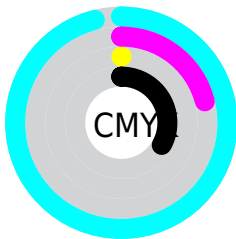
Distribution



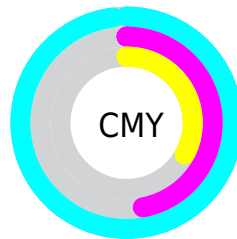
- Red (2%)
- Green (53%)
- Blue (67%)



- Red (2%)
- Yellow (31%)
- Blue (67%)



- Cyan (96%)
- Magenta (21%)
- Yellow (0%)
- Black (33%)



- Cyan (98%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.5330, 34.7402, -82.9054 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 100.5330, 34.7402, -82.9054 by changing the saturation by 10% instead.

100.5330, 34.7402,
-82.9054

100.5330, 34.7402,
-82.9054

255.0000, 0.0000,
0.0000

80.9860, 31.0659,
-71.0247

163.6280, 30.7494,
-62.8178

63.4610, 27.3807,
-55.6553

192.6390, 30.7440,
-61.0734

47.1100, 23.1168,
-41.3155

218.6320, 17.9294,
-57.5593

31.4600, 19.0002,
-27.5904

233.4720, 10.6133,
-44.2639

15.3370, 15.6099,
-13.4505

242.1430, 6.3385,
-26.4354

3.5510, 11.0674,
-3.1142

251.4120, 1.7689,

0.0000, 0.0000,

-7.3773

0.0000

■ 100.5330, 34.7402,
-82.9054

■ 100.5330, 34.7402,
-82.9054

■ 98.1520, 35.9141,
-86.0793

■ 107.9640, 31.0767,
-74.5134

■ 114.8080, 27.7027,
-65.6066

■ 122.2390, 24.0392,
-57.2146

■ 129.6700, 20.3757,
-48.8226

■ 137.1010, 16.7122,
-40.4306

■ 144.2440, 13.1907,
-30.9090

■ 151.6750, 9.5272,
-22.5170

■ 159.1060, 5.8637,
-14.1250

■ 166.5370, 2.2003,
-5.7329

Harmonies

Analogous

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



98.6930, 25.2944, -86.5538



100.5330, 34.7402, -82.9054



118.9780, 30.0838, -35.9377

Triad

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



100.5330, 34.7402, -82.9054



126.7910, 0.5960, 42.2793



120.0170, -22.6864, -3.5229

Complementary

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



100.5330, 34.7402, -82.9054



76.4670, -34.7402, 82.9054

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.



122.4220, -26.8300, 18.9239



100.5330, 34.7402, -82.9054



125.6700, -12.6553, 45.8934

Square

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



100.5330, 34.7402, -82.9054



128.1940, 12.7224, 26.1399



124.2700, -22.8111, 36.5972



115.0660, -10.3855, -28.9989

Rectangle

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



100.5330, 34.7402, -82.9054



124.0950, 26.0822, -12.3613



124.2700, -22.8111, 36.5972



120.7900, -25.0395, 4.5692

Sweetspot

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



100.5330, 34.7402, -82.9054



194.6460, 13.4855, -32.1385



106.9590, -32.0248, -88.5410



95.6430, 8.0640, -19.8579



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



100.5330, 34.7402, -82.9054



126.8590, 46.9045, -111.2553



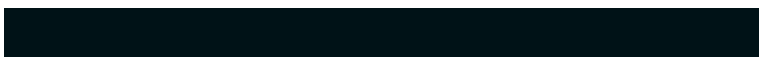
52.3990, 58.4703, -40.6919



83.1350, 1.9054, -4.5034



86.3660, 31.3716, -75.7430



13.1880, 4.8373, -11.5659

Inverse Universe

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



70.0410, 32.0248, 88.5410



86.1000, 42.8417, 119.1843



124.6010, -58.4703, 40.6919



81.4890, 1.7309, 4.8331



58.3020, 29.4311, 80.4191



8.9290, 4.4720, 12.3403

Previews

White Background



This preview shows how the YUV color 100.5330, 34.7402, -82.9054 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 100.5330, 34.7402, -82.9054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

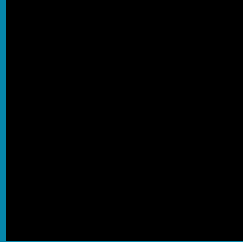
Any Text WCAG AA ✓ Pass

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 100.5330, 34.7402, -82.9054 Background



This preview shows how black text looks on a background with the YUV color 100.5330, 34.7402, -82.9054.

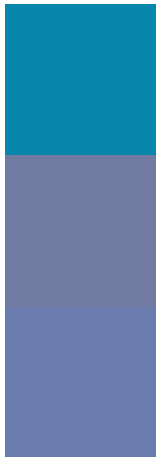


This preview shows how white text looks on a background with the YUV color 100.5330, 34.7402, -82.9054.

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

100.5330, 34.7402, -82.9054

Protanopia

123.7550, 18.3618, -9.4321

Deuteranopia

123.7310, 24.7826, -15.5501



Tritanopia

97.8780, 24.7101, -85.8390

Trichromacy



Original Color

100.5330, 34.7402, -82.9054

Protanomaly

115.4850, 24.4109, -36.3823

Deuteranomaly

115.2010, 28.4949, -39.6413

Tritanomaly

98.8010, 28.1991, -84.8945

Monochromacy



Original Color

100.5330, 34.7402, -82.9054

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.4290, 12.6065, -30.1942

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.5330, 34.7402, -82.9054 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(6, 135, 171)` looks like.

```
.text, #text, p{  
    color:rgb(6, 135, 171)  
}
```

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(6, 135, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 135, 171) }
```

Border

The CSS property to change the border of an element to YUV 100.5330, 34.7402, -82.9054 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(6, 135, 171) }
```


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

```
.border{ border-color:rgb(6, 135, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 135, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 135, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 135, 171);  
box-shadow:4px 4px 4px 4px rgb(6, 135,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 100.5330, 34.7402, -82.9054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 135, 171) }
```

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

```
.background{ background-color: rgb(6, 135,  
171) }
```

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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