

Converting Colors

YUV(186.7770, 11.4489,
-32.2534)

Have a look what the booklet for
YUV(186.7770, 11.4489, -32.2534)
contains.

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Color

**YUV(186.7770, 11.4489,
-32.2534)**

Conversions

Conversions Part 1

Format	Color
Hex	96C9D2
RGB	150, 201, 210
RGB Percent	59%, 79%, 82%
CMY	0.4118, 0.2118, 0.1765
CMYK	0.29, 0.04, 0.00, 0.18
HSL	189°, 40%, 71%
HSV	189°, 29%, 82%
XYZ	45.0972, 52.9105, 68.8086
YIQ	186.7770, -33.2850, -8.0130

Conversions

Conversions Part 2

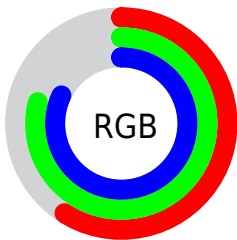
Format	Color
RYB	150, 178, 210
Decimal	9882066
CIELab	77.82, -14.43, -9.87
CIElCh	78, 17.479, 214.368
Yxy	52.9105, 0.2703, 0.3172
Android (android.graphics.Color)	4288072146 (0xFF96C9D2)
YUV	186.7770, 11.4489, -32.2534
Hunter-Lab	72.7396, -16.6276, -5.1682

Details

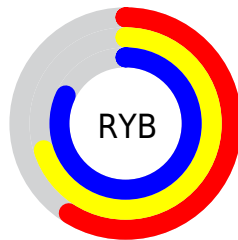
The YUV color **186.7770, 11.4489, -32.2534** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **173.2230, -11.4489, 32.2534**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3490, 7.2229, -30.1241**, and **133.0760, 11.3015, -31.6387** is the 20% darker color. If you saturate the color by 10%, you get **178.7370, 15.4127, -43.6193**, and if you desaturate by 10%, it is **194.8170, 7.4852, -20.8875**.

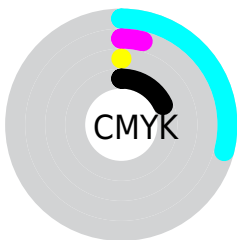
Distribution



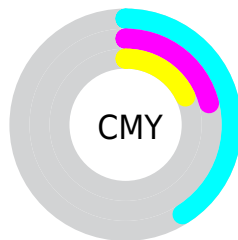
- Red (59%)
- Green (79%)
- Blue (82%)



- Red (59%)
- Yellow (70%)
- Blue (82%)



- Cyan (29%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (41%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.7770, 11.4489, -32.2534 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 186.7770, 11.4489, -32.2534 by changing the saturation by 10% instead.

■ 186.7770, 11.4489,
-32.2534

■ 186.7770, 11.4489,
-32.2534

255.0000, 0.0000,
0.0000

■ 159.6630, 11.0121,
-32.1535

■ 240.3490, 7.2229,
-30.1241

■ 133.0760, 11.3015,
-31.6387

■ 248.7210, 3.0955,
-12.9103

■ 107.0760, 11.3015,
-31.6387

■ 81.9620, 10.8647,
-31.5387

■ 56.4670, 11.6018,
-34.6126

■ 35.8480, 10.4279,
-31.4387

■ 21.1270, 7.3324,

-18.5284

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 186.7770, 11.4489,
-32.2534

■ 186.7770, 11.4489,
-32.2534

■ 178.7370, 15.4127,
-43.6193

■ 194.8170, 7.4852,
-20.8875

■ 170.6970, 19.3764,
-54.9853

■ 202.8570, 3.5215,
-9.5216

■ 162.6570, 23.3401,
-66.3512

■ 210.8970, -0.4422,
1.8443

■ 154.0300, 27.5932,
-77.2023

■ 219.5240, -4.6953,
12.6955

■ 145.9900, 31.5569,
-88.5682

■ 227.5640, -8.6591,
24.0614

■ 137.9500, 35.5207,
-99.9341

■ 229.3250, -9.5272,
22.5170

■ 129.9100, 39.4844,
-111.3001

■ 231.0860,
-10.3954, 20.9726

■ 128.4260, 40.2160,
-112.6296

■ 232.8470,
-11.2636, 19.4282

■ 234.6080,
-12.1317, 17.8838

Harmonies

Analogous

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



186.4370, 3.7286, -29.3242



186.7770, 11.4489, -32.2534



188.9610, 15.7952, -26.2758

Triad

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



186.7770, 11.4489, -32.2534



195.6030, 5.6187, 17.8882



191.6410, -15.5990, 9.9618

Complementary

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



186.7770, 11.4489, -32.2534



173.2230, -11.4489, 32.2534

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.



193.6470, -14.6160, 21.3576



186.7770, 11.4489, -32.2534



195.1820, -2.5547, 26.1504

Square

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



186.7770, 11.4489, -32.2534



193.9370, 12.3561, 3.5633



194.9450, -9.8329, 27.2352



189.7640, -12.2087, -4.1780

Rectangle

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



186.7770, 11.4489, -32.2534



191.1300, 16.2049, -17.6540



194.9450, -9.8329, 27.2352



191.9620, -15.7573, 14.0653

Sweetspot

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



186.7770, 11.4489, -32.2534



246.3620, 4.2585, -12.5955



186.2460, -13.4323, -31.7877



121.7540, 3.0793, -7.6773



0.0000, 0.0000, 0.0000



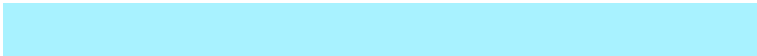
128.0000, 0.0000, 0.0000

Same Dimension

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



186.7770, 11.4489, -32.2534



221.3560, 16.5865, -46.7932



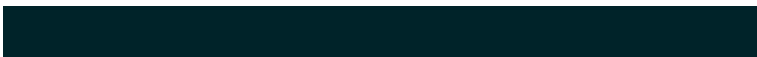
169.1670, 20.1307, -16.8095



100.5370, 2.2003, -5.7329



103.0930, 31.9992, -90.4126



25.2190, 7.7800, -22.1171

Inverse Universe

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



173.7540, 13.4323, 31.7877



202.4490, 19.4986, 46.0872



190.8330, -20.1307, 16.8095



98.3150, 2.3097, 5.8627



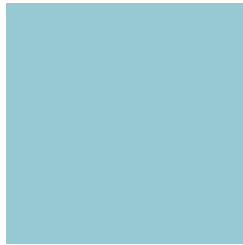
66.5340, 37.6977, 88.9857



16.2490, 9.2442, 21.7066

Previews

White Background



This preview shows how the YUV color 186.7770, 11.4489, -32.2534 looks on a white background.

Color Contrast Check

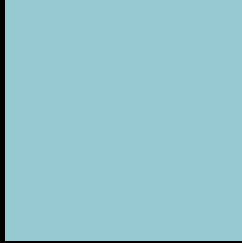
Large Text (above 18pt) WCAG AA × Fail

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 186.7770, 11.4489, -32.2534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

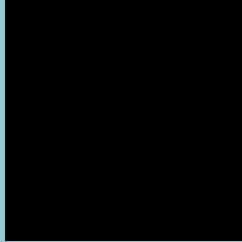
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.7770, 11.4489, -32.2534 Background



This preview shows how black text looks on a background with the YUV color 186.7770, 11.4489, -32.2534.



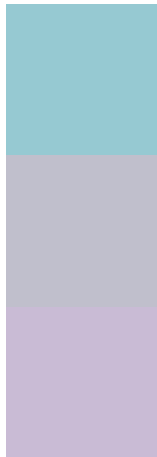
This preview shows how white text looks on a background with the YUV color 186.7770, 11.4489, -32.2534.

-32.2534.

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

186.7770, 11.4489, -32.2534

Protanopia

192.7810, 5.5310, -0.6849

Deuteranopia

194.1500, 9.2930, 6.0074



Tritanopia

187.1730, 14.2117, -31.7237

Trichromacy



Original Color

186.7770, 11.4489, -32.2534

Protanomaly

190.8720, 7.4581, -12.1657

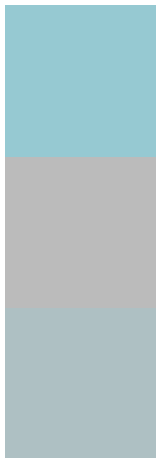
Deuteranomaly

191.2900, 10.2100, -8.1473

Tritanomaly

186.9450, 13.3381, -31.5238

Monochromacy



Original Color

186.7770, 11.4489, -32.2534

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.9600, 3.9637, -11.3659

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.7770, 11.4489, -32.2534 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(150, 201, 210)` looks like.

```
.text, #text, p{  
    color:rgb(150, 201, 210)  
}
```

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(150, 201, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 201, 210) }
```

Border

The CSS property to change the border of an element to YUV 186.7770, 11.4489, -32.2534 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(150, 201, 210) }
```


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

```
.border{ border-color:rgb(150, 201, 210) }
```

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

Here you see how a box with a 4 pixel rgb(150, 201, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 201, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 201, 210);  
box-shadow:4px 4px 4px 4px rgb(150, 201,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 186.7770, 11.4489, -32.2534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 201, 210) }
```

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

```
.background{ background-color: rgb(150,  
201, 210) }
```

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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