

Converting Colors

YUV(132.5480, 35.2258,
-98.7046)

Have a look what the booklet for
YUV(132.5480, 35.2258, -98.7046)
contains.

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Color

**YUV(132.5480, 35.2258,
-98.7046)**

Conversions

Conversions Part 1

Format	Color
Hex	14B0CC
RGB	20, 176, 204
RGB Percent	8%, 69%, 80%
CMY	0.9216, 0.3098, 0.2000
CMYK	0.90, 0.14, 0.00, 0.20
HSL	189°, 82%, 44%
HSV	189°, 90%, 80%
XYZ	26.7129, 35.5590, 62.5824
YIQ	132.5480, -101.9640, -24.3640

Conversions

Conversions Part 2

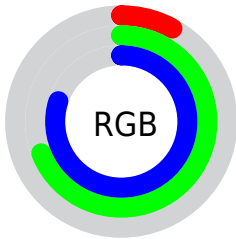
Format	Color
R_{YB}	20, 104, 204
Decimal	1355980
CIE _{Lab}	66.18, -26.72, -24.60
CIE _{LCh}	66, 36.314, 222.633
Yxy	35.5590, 0.2140, 0.2848
Android (android.graphics.Color)	4279546060 (0xFF14B0CC)
YUV	132.5480, 35.2258, -98.7046
Hunter-Lab	59.6314, -24.3928, -20.4821

Details

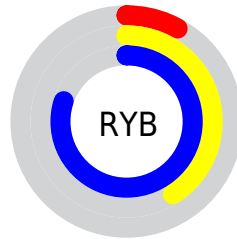
The YUV color **132.5480, 35.2258, -98.7046** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **91.4520, -35.2258, 98.7046**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.9480, 28.6196, -79.7614**, and **89.3010, 29.9246, -78.3170** is the 20% darker color. If you saturate the color by 10%, you get **124.8070, 39.0421, -109.4557**, and if you desaturate by 10%, it is **140.2890, 31.4095, -87.9535**.

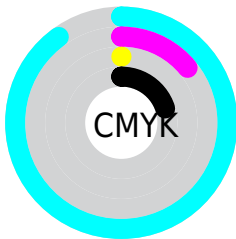
Distribution



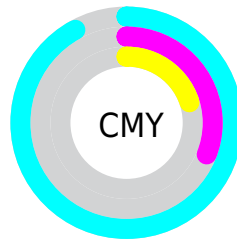
- Red (8%)
- Green (69%)
- Blue (80%)



- Red (8%)
- Yellow (41%)
- Blue (80%)



- Cyan (90%)
- Magenta (14%)
- Yellow (0%)
- Black (20%)



- Cyan (92%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.5480, 35.2258, -98.7046 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 132.5480, 35.2258, -98.7046 by changing the saturation by 10% instead.

■ 132.5480, 35.2258,
-98.7046

■ 132.5480, 35.2258,
-98.7046

■ 255.0000, 0.0000,
0.0000

■ 107.6410, 34.1940,
-94.4012

■ 196.9480, 28.6196,
-79.7614

■ 89.3010, 29.9246,
-78.3170

■ 220.0170, 17.2466,
-71.9289

■ 71.6620, 25.8026,
-62.8476

■ 229.2860, 12.6770,
-52.8708

■ 54.7240, 21.8281,
-47.9929

■ 238.5550, 8.1074,
-33.8127

■ 38.4870, 18.0009,
-33.7531

■ 247.8240, 3.5378,
-14.7546

■ 24.7120, 13.4530,
-21.6724

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 132.5480, 35.2258,
-98.7046

■ 132.5480, 35.2258,
-98.7046

■ 124.8070, 39.0421,
-109.4557

■ 140.2890, 31.4095,
-87.9535

■ 148.3290, 27.4458,
-76.5875

■ 156.0700, 23.6295,
-65.8364

■ 164.1100, 19.6658,
-54.4705

■ 172.4380, 15.5601,
-44.2341

■ 180.1790, 11.7438,
-33.4830

■ 188.2190, 7.7800,
-22.1171

■ 195.9600, 3.9637,
-11.3659

■ 204.0000, 0.0000,
0.0000

Harmonies

Analogous

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



137.1790, 18.1528, -82.5950



132.5480, 35.2258, -98.7046



148.7190, 36.1275, -61.1436

Triad

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



132.5480, 35.2258, -98.7046



165.0280, 7.8742, 41.1944



157.1560, -30.1499, 10.3872

Complementary

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



132.5480, 35.2258, -98.7046



91.4520, -35.2258, 98.7046

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.



160.0110, -30.0784, 34.1934



132.5480, 35.2258, -98.7046



163.6800, -7.7302, 52.9006

Square

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



132.5480, 35.2258, -98.7046



164.5330, 21.9222, 15.3186



162.2870, -21.8335, 49.7373



153.4990, -20.4590, -17.9776

Rectangle

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



132.5480, 35.2258, -98.7046



156.7270, 34.1516, -33.9636



162.2870, -21.8335, 49.7373



158.5700, -31.3400, 18.7941

Sweetspot

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



132.5480, 35.2258, -98.7046



228.4990, 13.0650, -37.2716



131.2000, -41.0176, -97.5224



111.6320, 8.0694, -21.6023



0.0000, 0.0000, 0.0000



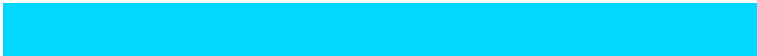
128.0000, 0.0000, 0.0000

Same Dimension

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



132.5480, 35.2258, -98.7046



155.8620, 48.8750, -136.6910



78.5440, 61.8498, -51.3431



97.8360, 2.0529, -5.1182



101.6910, 31.7043, -89.1830



23.1160, 7.3378, -20.2727

Inverse Universe

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



92.8000, 41.0176, 97.5224



100.8690, 56.7596, 135.1729



145.4560, -61.8498, 51.3431



95.9020, 2.0203, 5.3479



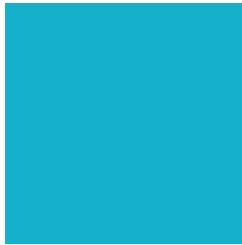
65.7080, 37.1190, 87.9561



15.0100, 8.3761, 20.1622

Previews

White Background



This preview shows how the YUV color 132.5480, 35.2258, -98.7046 looks on a white background.

Color Contrast Check

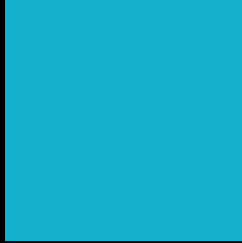
Large Text (above 18pt) WCAG AA × Fail

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 132.5480, 35.2258, -98.7046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

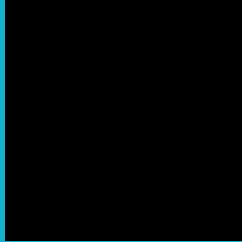
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 132.5480, 35.2258, -98.7046

Background



This preview shows how black text looks on a background with the YUV color 132.5480, 35.2258, -98.7046.

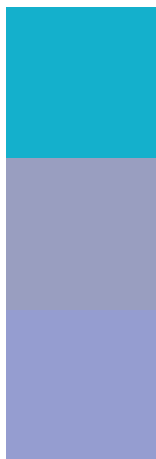


This preview shows how white text looks on a background with the YUV color 132.5480, 35.2258, -98.7046.

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

132.5480, 35.2258, -98.7046

Protanopia

160.3810, 15.5882, -6.4731

Deuteranopia

160.4220, 23.4560, -10.0171



Tritanopia

126.3740, 32.3536, -110.8300

Trichromacy



Original Color

132.5480, 35.2258, -98.7046



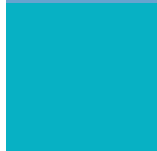
Protanomaly

150.5940, 22.3852, -39.9859



Deuteranomaly

150.3640, 27.9215, -42.4152



Tritanomaly

128.3360, 33.3584, -106.4117

Monochromacy



Original Color

132.5480, 35.2258, -98.7046



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

133.0970, 12.7702, -36.0421

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.5480, 35.2258, -98.7046 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(20, 176, 204)` looks like.

```
.text, #text, p{  
    color:rgb(20, 176, 204)  
}
```

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(20, 176, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 176, 204) }
```

Border

The CSS property to change the border of an element to YUV 132.5480, 35.2258, -98.7046 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(20, 176, 204) }
```


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

```
.border{ border-color:rgb(20, 176, 204) }
```

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

Here you see how a box with a 4 pixel rgb(20, 176, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 176, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 176, 204);  
box-shadow:4px 4px 4px 4px rgb(20, 176,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 132.5480, 35.2258, -98.7046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 176, 204) }
```

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

```
.background{ background-color: rgb(20, 176,  
204) }
```

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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