

Converting Colors

YUV(186.5050, 14.0480,
-25.8759)

Have a look what the booklet for
YUV(186.5050, 14.0480, -25.8759)
contains.

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Color

**YUV(186.5050, 14.0480,
-25.8759)**

Conversions

Conversions Part 1

Format	Color
Hex	9DC4D7
RGB	157, 196, 215
RGB Percent	62%, 77%, 84%
CMY	0.3843, 0.2314, 0.1569
CMYK	0.27, 0.09, 0.00, 0.16
HSL	200°, 42%, 73%
HSV	200°, 27%, 84%
XYZ	45.9103, 51.5543, 71.8212
YIQ	186.5050, -29.3430, -2.3590

Conversions

Conversions Part 2

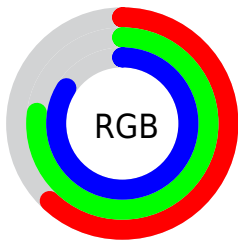
Format	Color
R_{YB}	157, 180, 215
Decimal	10339543
CIE _{Lab}	77.01, -8.61, -13.73
CIE _{LCh}	77, 16.208, 237.901
Yxy	51.5543, 0.2712, 0.3045
Android (android.graphics.Color)	4288529623 (0xFF9DC4D7)
YUV	186.5050, 14.0480, -25.8759
Hunter-Lab	71.8013, -11.5180, -9.0456

Details

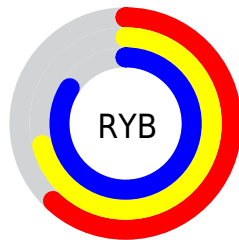
The YUV color **186.5050, 14.0480, -25.8759** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **185.4950, -14.0480, 25.8759**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2680, 6.7699, -24.7910**, and **132.6900, 13.4638, -25.1611** is the 20% darker color. If you saturate the color by 10%, you get **176.1170, 19.1693, -35.1826**, and if you desaturate by 10%, it is **197.1920, 8.7793, -15.9544**.

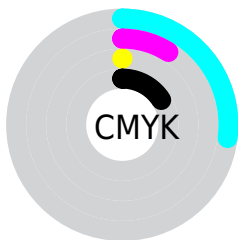
Distribution



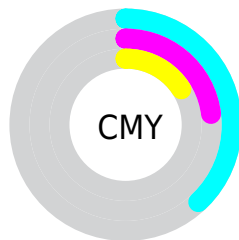
- Red (62%)
- Green (77%)
- Blue (84%)



- Red (62%)
- Yellow (71%)
- Blue (84%)



- Cyan (27%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (38%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.5050, 14.0480, -25.8759 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 186.5050, 14.0480, -25.8759 by changing the saturation by 10% instead.

■ 186.5050, 14.0480,
-25.8759

■ 186.5050, 14.0480,
-25.8759

255.0000, 0.0000,
0.0000

■ 159.3910, 13.6112,
-25.7759

■ 241.2680, 6.7699,
-24.7910

■ 132.6900, 13.4638,
-25.1611

■ 250.8140, 2.0637,
-8.6069

■ 107.5760, 13.0270,
-25.0612

■ 82.5760, 13.0270,
-25.0612

■ 58.4510, 12.5957,
-26.7055

■ 33.9560, 13.3327,
-29.7794

■ 19.7080, 9.5110,

-17.2839

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 186.5050, 14.0480,
-25.8759

■ 186.5050, 14.0480,
-25.8759

■ 176.1170, 19.1693,
-35.1826

■ 197.1920, 8.7793,
-15.9544

■ 165.4300, 24.4380,
-45.1041

■ 207.5800, 3.6581,
-6.6477

■ 155.0420, 29.5593,
-54.4108

■ 218.2670, -1.6106,
3.2738

■ 144.3550, 34.8280,
-64.3323

■ 228.6550, -6.7319,
12.5806

■ 133.6680, 40.0967,
-74.2538

■ 236.3520,
-10.5265, 16.3543

■ 123.2800, 45.2180,
-83.5606

■ 240.4610,
-12.5523, 12.7507

■ 112.5930, 50.4867,
-93.4821

■ 244.5700,
-14.5780, 9.1471

■ 109.6250, 51.9499,
-96.1411

■ 248.6790,
-16.6037, 5.5435

■ 250.4400,
-17.4719, 3.9991

Harmonies

Analogous

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



185.2180, 9.2595, -30.0092



186.5050, 14.0480, -25.8759



189.2120, 15.1785, -15.0949

Triad

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



186.5050, 14.0480, -25.8759



193.3280, -0.6547, 23.3913



187.7860, -12.2195, -0.6893

Complementary

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



186.5050, 14.0480, -25.8759



185.4950, -14.0480, 25.8759

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.



189.8800, -14.7308, 11.5062



186.5050, 14.0480, -25.8759



192.8030, -7.7909, 25.6058

Square

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



186.5050, 14.0480, -25.8759



192.8090, 6.5032, 14.1995



191.4020, -13.0162, 21.5724



186.3050, -6.0664, -14.2995

Rectangle

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



186.5050, 14.0480, -25.8759



190.5230, 13.5462, -4.8437



191.4020, -13.0162, 21.5724



188.8790, -13.2513, 3.6141

Sweetspot

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



186.5050, 14.0480, -25.8759



244.9110, 4.9739, -8.6919



193.0980, -8.9223, -31.6579



121.1780, 3.3632, -5.4181



0.0000, 0.0000, 0.0000



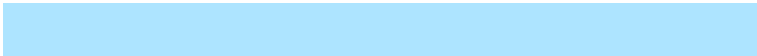
128.0000, 0.0000, 0.0000

Same Dimension

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



186.5050, 14.0480, -25.8759



214.6330, 19.9009, -36.5121



170.0690, 22.1510, -11.4615



101.9500, 2.4897, -5.2181



86.9990, 41.4125, -76.2981



21.9250, 10.3900, -19.2282

Inverse Universe

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



178.7880, 8.4855, 31.7579



203.7880, 11.9365, 44.9129



201.9310, -22.1510, 11.4615



100.2010, 1.8729, 5.9627



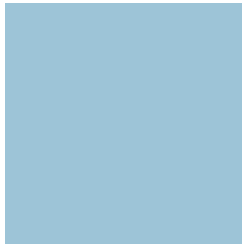
64.2390, 25.0252, 93.6294



16.1630, 6.3286, 23.5360

Previews

White Background



This preview shows how the YUV color 186.5050, 14.0480, -25.8759 looks on a white background.

Color Contrast Check

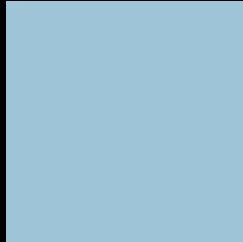
Large Text (above 18pt) WCAG AA × Fail

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 186.5050, 14.0480, -25.8759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

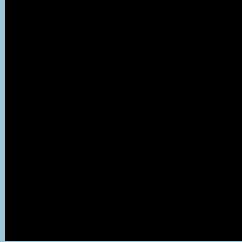
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.5050, 14.0480, -25.8759

Background



This preview shows how black text looks on a background with the YUV color 186.5050, 14.0480, -25.8759.



This preview shows how white text looks on a background with the YUV color 186.5050, 14.0480, -25.8759.

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

186.5050, 14.0480, -25.8759

Protanopia

190.2090, 9.7570, -2.8143

Deuteranopia

191.6380, 12.5035, 2.9485



Tritanopia

185.8640, 12.8850, -26.1907

Trichromacy



Original Color

186.5050, 14.0480, -25.8759

Protanomaly

188.9090, 11.3839, -11.3212

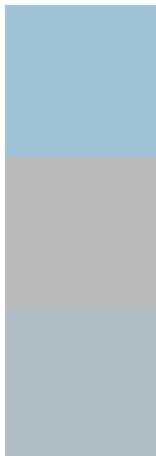
Deuteranomaly

189.6860, 12.9728, -7.6176

Tritanomaly

185.9780, 13.3218, -26.2907

Monochromacy



Original Color

186.5050, 14.0480, -25.8759

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.6120, 5.1213, -9.3067

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.5050, 14.0480, -25.8759 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(157, 196, 215)` looks like.

```
.text, #text, p{  
    color:rgb(157, 196, 215)  
}
```

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(157, 196, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 196, 215) }
```

Border

The CSS property to change the border of an element to YUV 186.5050, 14.0480, -25.8759 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

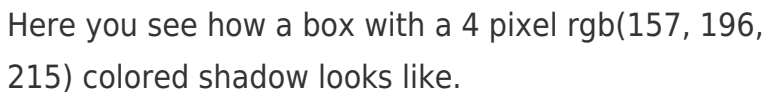
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 196, 215) }
```


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

```
.border{ border-color:rgb(157, 196, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 196, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 196, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 196, 215); box-shadow:4px 4px 4px 4px rgb(157, 196, 215) }
```

Background

The CSS property to change the background color of an element to YUV 186.5050, 14.0480, -25.8759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 196, 215) }
```

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

```
.background{ background-color: rgb(157,  
196, 215) }
```

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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