

Converting Colors

YUV(178.3010, 26.4736,
-91.4720)

Have a look what the booklet for
YUV(178.3010, 26.4736, -91.4720)
contains.

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Color

**YUV(178.3010, 26.4736,
-91.4720)**

Conversions

Conversions Part 1

Format	Color
Hex	4ADDE8
RGB	74, 221, 232
RGB Percent	29%, 87%, 91%
CMY	0.7098, 0.1333, 0.0902
CMYK	0.68, 0.05, 0.00, 0.09
HSL	184°, 77%, 60%
HSV	184°, 68%, 91%
XYZ	43.2460, 58.9949, 85.4518
YIQ	178.3010, -91.1430, -27.7430

Conversions

Conversions Part 2

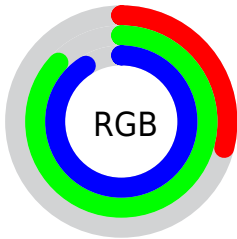
Format	Color
RYB	74, 150, 232
Decimal	4906472
CIELab	81.29, -34.78, -16.74
CIElCh	81, 38.600, 205.703
Yxy	58.9949, 0.2304, 0.3143
Android (android.graphics.Color)	4283096552 (0xFF4ADDE8)
YUV	178.3010, 26.4736, -91.4720
Hunter-Lab	76.8082, -33.9119, -12.1965

Details

The YUV color **178.3010, 26.4736, -91.4720** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **127.6990, -26.4736, 91.4720**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2130, 16.6570, -69.4698**, and **116.9190, 29.1269, -102.5380** is the 20% darker color. If you saturate the color by 10%, you get **170.2500, 30.4428, -104.5823**, and if you desaturate by 10%, it is **186.3520, 22.5045, -78.3617**.

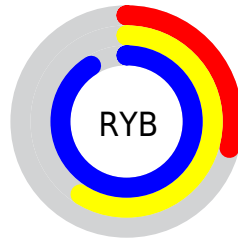
Distribution



Red (29%)

Green (87%)

Blue (91%)



Red (29%)

Yellow (59%)

Blue (91%)

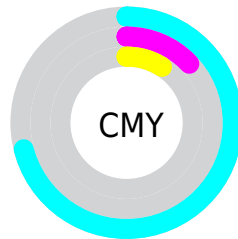


Cyan (68%)

Magenta (5%)

Yellow (0%)

Black (9%)



Cyan (71%)

Magenta (13%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.3010, 26.4736, -91.4720 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 178.3010, 26.4736, -91.4720 by changing the saturation by 10% instead.

■ 178.3010, 26.4736,
-91.4720

■ 178.3010, 26.4736,
-91.4720

■ 255.0000, 0.0000,
0.0000

■ 143.4240, 29.8640,
-105.6118

■ 221.2130, 16.6570,
-69.4698

■ 116.9190, 29.1269,
-102.5380

■ 230.4820, 12.0874,
-50.4117

■ 98.6930, 25.2944,
-86.5538

■ 239.7510, 7.5178,
-31.3536

■ 80.4670, 21.4618,
-70.5696

■ 249.0200, 2.9481,
-12.2955

■ 62.9420, 17.7766,
-55.2001

■ 46.1180, 14.2388,
-40.4455

■ 29.9950, 10.8485,

-26.3056

■ 10.1050, 10.7942,
-8.8621

■ 0.4560, 1.7472,
-0.3999

■ 178.3010, 26.4736,
-91.4720

■ 178.3010, 26.4736,
-91.4720

■ 170.2500, 30.4428,
-104.5823

■ 186.3520, 22.5045,
-78.3617

■ 162.7860, 34.1225,
-118.2073

■ 193.8160, 18.8247,
-64.7366

■ 154.4360, 38.2391,
-131.9324

■ 202.1660, 14.7082,
-51.0116

■ 153.2400, 38.8287,
-134.3915

■ 209.6300, 11.0284,
-37.3865

■ 217.6810, 7.0593,
-24.2762

■ 225.7320, 3.0901,
-11.1660

■ 233.1960, -0.5896,
2.4591

■ 240.0510, -3.9691,
13.1103

■ 241.2250, -4.5479,
12.0807

Harmonies

Analogous

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



184.2490, 5.3002, -66.8704



178.3010, 26.4736, -91.4720



182.7720, 35.6084, -81.3610

Triad

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



178.3010, 26.4736, -91.4720



207.1930, 17.6529, 31.4027



200.1150, -34.5667, 27.0861

Complementary

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



178.3010, 26.4736, -91.4720



127.6990, -26.4736, 91.4720

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.



201.7290, -28.9534, 46.7187



178.3010, 26.4736, -91.4720



202.7960, 3.0586, 45.7829

Square

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



178.3010, 26.4736, -91.4720



202.4490, 25.9076, -3.0248



199.1650, -13.3923, 48.9673



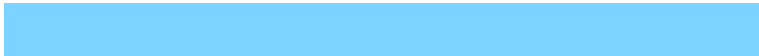
196.1930, -29.6751, -1.9233

Rectangle

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



178.3010, 26.4736, -91.4720



190.0030, 32.0435, -57.8846



199.1650, -13.3923, 48.9673



201.2840, -34.1570, 35.7079

Sweetspot

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



178.3010, 26.4736, -91.4720



237.4030, 8.6753, -29.2944



168.0000, -40.9190, -82.4380



116.9700, 5.4378, -17.5137



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.



178.3010, 26.4736, -91.4720



183.7040, 35.1489, -120.7664



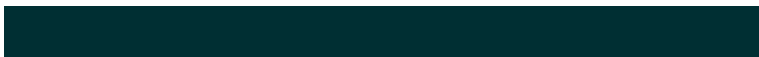
131.9280, 49.3355, -50.8029



110.8250, 2.0583, -6.8625



117.8480, 30.1479, -103.3527



33.4030, 8.6753, -29.2944

Inverse Universe

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



138.0000, 40.9190, 82.4380



130.6070, 53.9307, 109.0927



174.0720, -49.3355, 50.8029



107.8420, 3.0359, 6.2776



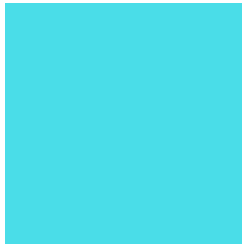
72.4450, 46.1226, 93.4487



20.6070, 13.0117, 26.6547

Previews

White Background



This preview shows how the YUV color 178.3010, 26.4736, -91.4720 looks on a white background.

Color Contrast Check

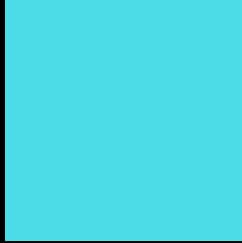
Large Text (above 18pt) WCAG AA × Fail

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 178.3010, 26.4736, -91.4720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

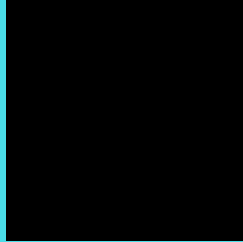
Any Text WCAG AA ✓ Pass

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 178.3010, 26.4736, -91.4720 Background



This preview shows how black text looks on a background with the YUV color 178.3010, 26.4736, -91.4720.

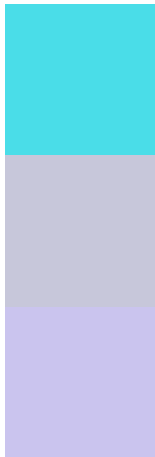


This preview shows how white text looks on a background with the YUV color 178.3010, 26.4736, -91.4720.

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

178.3010, 26.4736, -91.4720

Protanopia

201.1660, 8.2992, -1.8996

Deuteranopia

202.5820, 17.4611, -0.5104



Tritanopia

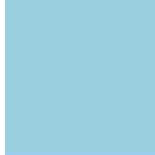
179.2950, 28.9416, -89.7127

Trichromacy



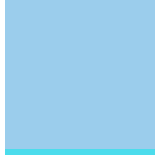
Original Color

178.3010, 26.4736, -91.4720



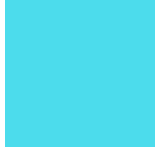
Protanomaly

192.9770, 14.8013, -34.1828



Deuteranomaly

193.5840, 20.9111, -33.8382



Tritanomaly

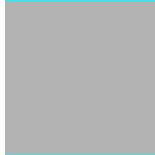
178.7680, 28.2154, -90.1275

Monochromacy



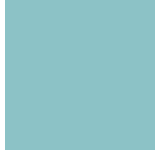
Original Color

178.3010, 26.4736, -91.4720



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.3100, 9.7072, -33.5979

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.3010, 26.4736, -91.4720 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(74, 221, 232)` looks like.

```
.text, #text, p{  
    color:rgb(74, 221, 232)  
}
```

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(74, 221, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 221, 232) }
```

Border

The CSS property to change the border of an element to YUV 178.3010, 26.4736, -91.4720 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(74, 221, 232) }
```


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

```
.border{ border-color:rgb(74, 221, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 221, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 221, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 221, 232);  
box-shadow:4px 4px 4px 4px rgb(74, 221,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 178.3010, 26.4736, -91.4720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 221, 232) }
```

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

```
.background{ background-color: rgb(74, 221,  
232) }
```

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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