

Converting Colors

YUV(142.9980, 26.1300,
-74.5432)

Have a look what the booklet for
YUV(142.9980, 26.1300, -74.5432)
contains.

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Color

**YUV(142.9980, 26.1300,
-74.5432)**

Conversions

Conversions Part 1

Format	Color
Hex	3AB0C4
RGB	58, 176, 196
RGB Percent	23%, 69%, 77%
CMY	0.7725, 0.3098, 0.2314
CMYK	0.70, 0.10, 0.00, 0.23
HSL	189°, 54%, 50%
HSV	189°, 70%, 77%
XYZ	27.2341, 35.9357, 57.7255
YIQ	142.9980, -76.7480, -18.7960

Conversions

Conversions Part 2

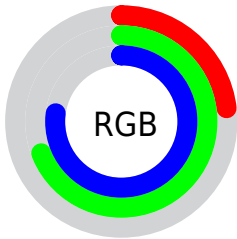
Format	Color
RYB	58, 122, 196
Decimal	3846340
CIELab	66.47, -25.85, -19.68
CIElCh	66, 32.485, 217.284
Yxy	35.9357, 0.2253, 0.2972
Android (android.graphics.Color)	4282036420 (0xFF3AB0C4)
YUV	142.9980, 26.1300, -74.5432
Hunter-Lab	59.9464, -23.8125, -15.1309

Details

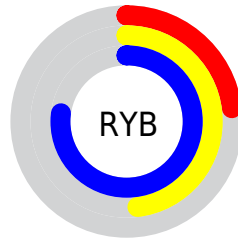
The YUV color **142.9980, 26.1300, -74.5432** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **111.0020, -26.1300, 74.5432**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.8030, 25.2401, -69.1102**, and **88.3890, 26.4302, -77.5172** is the 20% darker color. If you saturate the color by 10%, you get **135.2570, 29.9463, -85.2944**, and if you desaturate by 10%, it is **150.7390, 22.3137, -63.7921**.

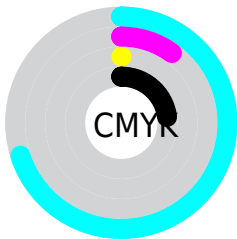
Distribution



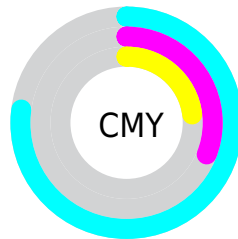
- Red (23%)
- Green (69%)
- Blue (77%)



- Red (23%)
- Yellow (48%)
- Blue (77%)



- Cyan (70%)
- Magenta (10%)
- Yellow (0%)
- Black (23%)



- Cyan (77%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.9980, 26.1300, -74.5432 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 142.9980, 26.1300, -74.5432 by changing the saturation by 10% instead.

■ 142.9980, 26.1300,
-74.5432

■ 142.9980, 26.1300,
-74.5432

■ 255.0000, 0.0000,
0.0000

■ 106.7290, 30.6996,
-93.6013

■ 201.8030, 25.2401,
-69.1102

■ 88.3890, 26.4302,
-77.5172

■ 224.5020, 15.0355,
-62.7073

■ 70.8640, 22.7450,
-62.1477

■ 233.4720, 10.6133,
-44.2639

■ 53.9260, 18.7705,
-47.2931

■ 242.4420, 6.1911,
-25.8206

■ 37.6890, 14.9433,
-33.0533

■ 251.4120, 1.7689,
-7.3773

■ 24.0280, 10.8322,
-21.0726

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 142.9980, 26.1300,
-74.5432

■ 142.9980, 26.1300,
-74.5432

■ 135.2570, 29.9463,
-85.2944

■ 150.7390, 22.3137,
-63.7921

■ 127.8150, 33.6152,
-95.4308

■ 158.1810, 18.6448,
-53.6557

■ 120.9600, 36.9947,
-106.0819

■ 165.9220, 14.8285,
-42.9046

■ 172.7770, 11.4489,
-32.2534

■ 180.5180, 7.6326,
-21.5023

■ 188.2590, 3.8163,
-10.7511

■ 195.7010, 0.1474,
-0.6148

■ 203.4420, -3.6689,
10.1364

■ 210.8840, -7.3378,
20.2727

Harmonies

Analogous

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



145.4650, 11.1098, -63.5518



142.9980, 26.1300, -74.5432



150.9000, 31.6013, -56.0403

Triad

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



142.9980, 26.1300, -74.5432



166.3260, 9.2063, 33.9171



159.1610, -27.6874, 13.8908

Complementary

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



142.9980, 26.1300, -74.5432



111.0020, -26.1300, 74.5432

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.



161.3360, -26.2946, 33.9083



142.9980, 26.1300, -74.5432



164.7440, -4.8038, 47.5825

Square

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



142.9980, 26.1300, -74.5432



165.2610, 21.0703, 8.5411



163.1170, -17.3127, 46.3784



155.5430, -20.4807, -11.0002

Rectangle

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



142.9980, 26.1300, -74.5432



156.8040, 30.6626, -34.9081



163.1170, -17.3127, 46.3784



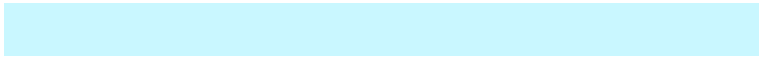
160.0910, -28.1459, 20.9682

Sweetspot

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



142.9980, 26.1300, -74.5432



234.1580, 10.2751, -29.0796



141.0580, -32.0736, -72.8419



115.4970, 6.1640, -17.0989



0.0000, 0.0000, 0.0000



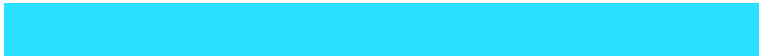
128.0000, 0.0000, 0.0000

Same Dimension

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



142.9980, 26.1300, -74.5432



172.8170, 40.5162, -115.6035



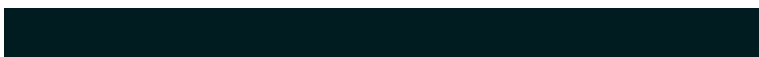
103.6690, 45.5192, -40.0517



92.8360, 2.0529, -5.1182



98.7730, 30.6779, -86.6239



20.1980, 6.3114, -17.7136

Inverse Universe

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



112.7140, 31.2000, 73.0418



125.8480, 48.3889, 113.2663



150.3310, -45.5192, 40.0517



90.9020, 2.0203, 5.3479



63.7570, 36.1088, 85.2821



13.0590, 7.3659, 17.4883

Previews

White Background



This preview shows how the YUV color 142.9980, 26.1300, -74.5432 looks on a white background.

Color Contrast Check

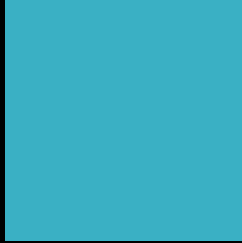
Large Text (above 18pt) WCAG AA × Fail

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 142.9980, 26.1300, -74.5432 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

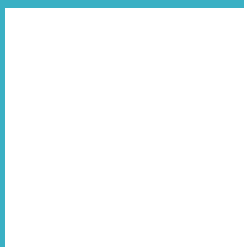
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 142.9980, 26.1300, -74.5432

Background



This preview shows how black text looks on a background with the YUV color 142.9980, 26.1300, -74.5432.



This preview shows how white text looks on a background with the YUV color 142.9980, 26.1300, -74.5432.

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

142.9980, 26.1300, -74.5432

Protanopia

161.0670, 11.7990, -4.4438

Deuteranopia

161.6030, 18.9297, -4.9138



Tritanopia

142.1180, 24.0988, -76.4025

Trichromacy



Original Color

142.9980, 26.1300, -74.5432

Protanomaly

154.2810, 17.1165, -30.0644

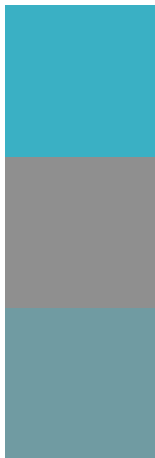
Deuteranomaly

154.8340, 21.7738, -30.5494

Tritanomaly

142.6450, 24.8250, -75.9877

Monochromacy



Original Color

142.9980, 26.1300, -74.5432

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.9410, 9.3961, -27.1353

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.9980, 26.1300, -74.5432 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(58, 176, 196)` looks like.

```
.text, #text, p{  
    color:rgb(58, 176, 196)  
}
```

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(58, 176, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 176, 196) }
```

Border

The CSS property to change the border of an element to YUV 142.9980, 26.1300, -74.5432 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(58, 176, 196) }
```


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

```
.border{ border-color:rgb(58, 176, 196) }
```

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

Here you see how a box with a 4 pixel rgb(58, 176, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 176, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 176, 196);  
box-shadow:4px 4px 4px 4px rgb(58, 176,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 142.9980, 26.1300, -74.5432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 176, 196) }
```

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

```
.background{ background-color: rgb(58, 176,  
196) }
```

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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