

Converting Colors

YUV(142.0970, 26.0812,
-58.8441)

Have a look what the booklet for
YUV(142.0970, 26.0812, -58.8441)
contains.

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Color

**YUV(142.0970, 26.0812,
-58.8441)**

Conversions

Conversions Part 1

Format	Color
Hex	4BA6C3
RGB	75, 166, 195
RGB Percent	29%, 65%, 76%
CMY	0.7059, 0.3490, 0.2353
CMYK	0.62, 0.15, 0.00, 0.24
HSL	194°, 50%, 53%
HSV	194°, 62%, 76%
XYZ	26.3882, 32.7084, 56.5523
YIQ	142.0970, -63.5450, -10.2730

Conversions

Conversions Part 2

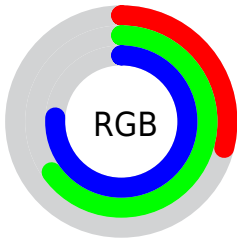
Format	Color
RYB	75, 127, 195
Decimal	4957891
CIELab	63.92, -18.32, -22.97
CIELCh	64, 29.376, 231.423
Yxy	32.7084, 0.2282, 0.2828
Android (android.graphics.Color)	4283147971 (0xFF4BA6C3)
YUV	142.0970, 26.0812, -58.8441
Hunter-Lab	57.1913, -17.7244, -18.5937

Details

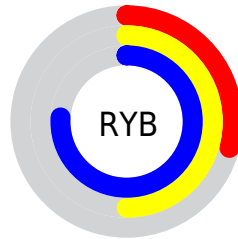
The YUV color **142.0970, 26.0812, -58.8441** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **127.9030, -26.0812, 58.8441**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.8200, 26.2177, -55.9701**, and **82.9920, 28.5979, -72.7840** is the 20% darker color. If you saturate the color by 10%, you get **133.4810, 30.3289, -67.9508**, and if you desaturate by 10%, it is **151.0120, 21.6861, -49.1225**.

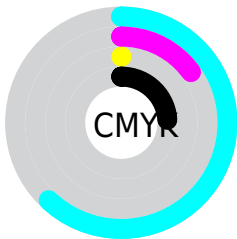
Distribution



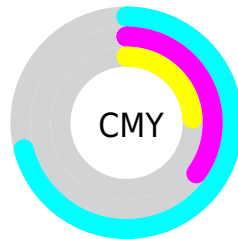
- Red (29%)
- Green (65%)
- Blue (76%)



- Red (29%)
- Yellow (50%)
- Blue (76%)



- Cyan (62%)
- Magenta (15%)
- Yellow (0%)
- Black (24%)



- Cyan (71%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.0970, 26.0812, -58.8441 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 142.0970, 26.0812, -58.8441 by changing the saturation by 10% instead.

■ 142.0970, 26.0812,
-58.8441

■ 142.0970, 26.0812,
-58.8441

■ 255.0000, 0.0000,
0.0000

■ 113.2920, 26.9710,
-64.2771

■ 198.8200, 26.2177,
-55.9701

■ 82.9920, 28.5979,
-72.7840

■ 224.8560, 14.8610,
-53.3707

■ 65.4670, 24.9128,
-57.4146

■ 236.4620, 9.1392,
-38.1162

■ 49.1160, 20.6488,
-43.0747

■ 245.4320, 4.7170,
-19.6729

■ 32.8790, 16.8217,
-28.8349

■ 254.4020, 0.2948,
-1.2296

■ 19.2180, 12.7105,
-16.8542

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 142.0970, 26.0812,
-58.8441

■ 142.0970, 26.0812,
-58.8441

■ 133.4810, 30.3289,
-67.9508

■ 151.0120, 21.6861,
-49.1225

■ 125.1530, 34.4346,
-78.1872

■ 159.0410, 17.7278,
-39.5010

■ 116.5370, 38.6823,
-87.2939

■ 167.9560, 13.3327,
-29.7794

■ 109.1060, 42.3457,
-95.6860

■ 176.5720, 9.0850,
-20.6726

■ 185.4870, 4.6899,
-10.9511

■ 193.5160, 0.7316,
-1.3295

■ 202.4310, -3.6635,
8.3920

■ 211.0470, -7.9112,
17.4988

■ 219.3750,
-12.0169, 27.7351

Harmonies

Analogous

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



139.8550, 16.3405, -61.2628



142.0970, 26.0812, -58.8441



149.9950, 27.6105, -35.9526

Triad

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



142.0970, 26.0812, -58.8441



158.6270, 2.6489, 37.1611



151.4630, -22.4133, 2.2249

Complementary

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



142.0970, 26.0812, -58.8441



127.9030, -26.0812, 58.8441

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.



154.1990, -25.2411, 22.6275



142.0970, 26.0812, -58.8441



157.3430, -10.0291, 43.5492

Square

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



142.0970, 26.0812, -58.8441



158.9050, 14.3438, 19.3773



155.9650, -20.1957, 37.7417



147.7250, -13.1754, -20.8068

Rectangle

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



142.0970, 26.0812, -58.8441



154.2470, 25.5142, -16.8796



155.9650, -20.1957, 37.7417



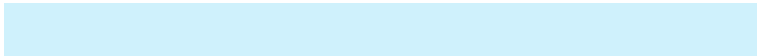
152.0510, -24.1821, 9.6023

Sweetspot

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



142.0970, 26.0812, -58.8441



232.0880, 9.8166, -22.0022



148.6320, -22.4966, -64.5753



115.2200, 6.3005, -14.2249



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.



142.0970, 26.0812, -58.8441



169.9710, 40.4403, -91.1826



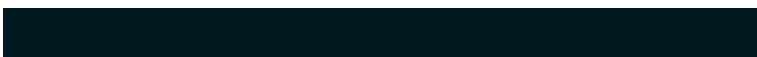
107.4640, 43.1552, -28.4709



92.8360, 2.0529, -5.1182



89.9680, 35.0188, -78.9019



18.4370, 7.1796, -16.1692

Inverse Universe

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



121.2540, 22.0598, 64.6752



137.6880, 34.1708, 100.2516



162.5360, -43.1552, 28.4709



90.9020, 2.0203, 5.3479



62.0470, 29.5568, 86.7818



12.7170, 6.0555, 17.7882

Previews

White Background



This preview shows how the YUV color 142.0970, 26.0812, -58.8441 looks on a white background.

Color Contrast Check

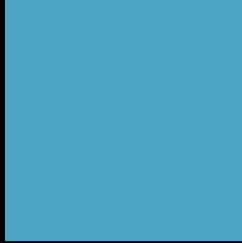
Large Text (above 18pt) WCAG AA × Fail

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 142.0970, 26.0812, -58.8441 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 142.0970, 26.0812, -58.8441 Background



This preview shows how black text looks on a background with the YUV color 142.0970, 26.0812, -58.8441.

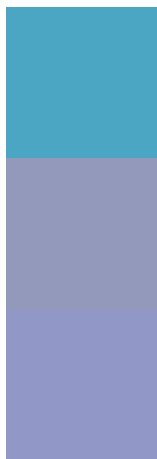


This preview shows how white text looks on a background with the YUV color 142.0970, 26.0812, -58.8441.

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

142.0970, 26.0812, -58.8441

Protanopia

154.9680, 15.2988, -6.9879

Deuteranopia

154.5640, 21.4139, -8.3876



Tritanopia

139.9950, 20.7085, -62.2626

Trichromacy



Original Color

142.0970, 26.0812, -58.8441

Protanomaly

150.4710, 18.9948, -25.8461

Deuteranomaly

149.9100, 23.2154, -26.2311

Tritanomaly

140.5760, 22.8870, -61.0182

Monochromacy



Original Color

142.0970, 26.0812, -58.8441

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.2730, 9.2324, -21.2874

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.0970, 26.0812, -58.8441 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(75, 166, 195)` looks like.

```
.text, #text, p{  
    color:rgb(75, 166, 195)  
}
```

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(75, 166, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 166, 195) }
```

Border

The CSS property to change the border of an element to YUV 142.0970, 26.0812, -58.8441 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(75, 166, 195) }
```


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

```
.border{ border-color:rgb(75, 166, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 166, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 166, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 166, 195);  
box-shadow:4px 4px 4px 4px rgb(75, 166,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 142.0970, 26.0812, -58.8441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 166, 195) }
```

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

```
.background{ background-color: rgb(75, 166,  
195) }
```

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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