

Converting Colors

YUV(189.0630, 14.2659,
-49.1673)

Have a look what the booklet for
YUV(189.0630, 14.2659, -49.1673)
contains.

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Color

**YUV(189.0630, 14.2659,
-49.1673)**

Conversions

Conversions Part 1

Format	Color
Hex	85D4DA
RGB	133, 212, 218
RGB Percent	52%, 83%, 85%
CMY	0.4784, 0.1686, 0.1451
CMYK	0.39, 0.03, 0.00, 0.15
HSL	184°, 53%, 69%
HSV	184°, 39%, 85%
XYZ	45.8712, 57.1355, 74.9402
YIQ	189.0630, -49.0100, -14.8820

Conversions

Conversions Part 2

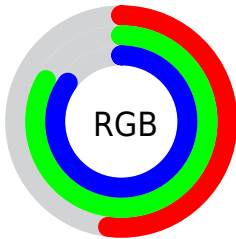
Format	Color
RYB	133, 174, 218
Decimal	8770778
CIELab	80.26, -22.70, -10.62
CIELCh	80, 25.062, 205.083
Yxy	57.1355, 0.2578, 0.3211
Android (android.graphics.Color)	4286960858 (0xFF85D4DA)
YUV	189.0630, 14.2659, -49.1673
Hunter-Lab	75.5880, -23.9547, -5.8703

Details

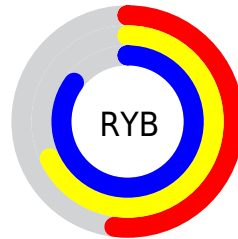
The YUV color **189.0630, 14.2659, -49.1673** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **161.9370, -14.2659, 49.1673**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5650, 9.5815, -39.9605**, and **133.7640, 14.4133, -49.7820** is the 20% darker color. If you saturate the color by 10%, you get **181.3110, 18.0877, -61.6627**, and if you desaturate by 10%, it is **196.8150, 10.4442, -36.6718**.

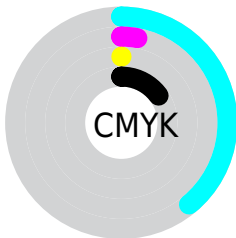
Distribution



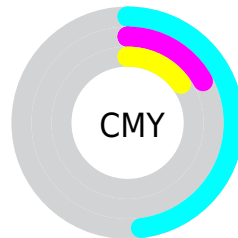
- Red (52%)
- Green (83%)
- Blue (85%)



- Red (52%)
- Yellow (68%)
- Blue (85%)



- Cyan (39%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (48%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.0630, 14.2659, -49.1673 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 189.0630, 14.2659, -49.1673 by changing the saturation by 10% instead.

■ 189.0630, 14.2659,
-49.1673

■ 189.0630, 14.2659,
-49.1673

255.0000, 0.0000,
0.0000

■ 161.0630, 14.2659,
-49.1673

■ 235.5650, 9.5815,
-39.9605

■ 133.7640, 14.4133,
-49.7820

■ 244.2360, 5.3067,
-22.1320

■ 106.8670, 14.8556,
-51.6264

■ 252.9070, 1.0318,
-4.3034

■ 76.7840, 17.3615,
-62.0776

■ 57.4650, 14.5608,
-50.3968

■ 41.3420, 11.1704,
-36.2569

■ 25.9200, 7.9274,

-22.7318

■ 4.2690, 8.7414,
-3.7439

■ 0.0000, 0.0000,
0.0000

■ 189.0630, 14.2659,
-49.1673

■ 189.0630, 14.2659,
-49.1673

■ 181.3110, 18.0877,
-61.6627

■ 196.8150, 10.4442,
-36.6718

■ 174.1460, 21.6200,
-74.6730

■ 203.9800, 6.9119,
-23.6615

■ 166.6930, 25.2944,
-86.5538

■ 211.4330, 3.2375,
-11.7807

■ 159.5280, 28.8267,
-99.5641

■ 218.5980, -0.2948,
1.2296

■ 151.7760, 32.6484,
-112.0596

■ 226.3500, -4.1165,
13.7251

■ 144.6110, 36.1808,
-125.0698

■ 230.8240, -6.3222,
21.2024

■ 144.0130, 36.4756,
-126.2994

■ 231.9980, -6.9010,
20.1728

■ 232.5850, -7.1904,
19.6580

■ 233.7590, -7.7692,
18.6284

Harmonies

Analogous

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



189.9150, 2.0139, -39.3905



189.0630, 14.2659, -49.1673



191.8600, 22.2540, -44.6042

Triad

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



189.0630, 14.2659, -49.1673



203.1070, 11.2862, 20.0772



198.2740, -22.3201, 19.0537

Complementary

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



189.0630, 14.2659, -49.1673



161.9370, -14.2659, 49.1673

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.



200.8720, -19.1639, 33.4383



189.0630, 14.2659, -49.1673



203.3340, 0.3283, 34.7871

Square

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



189.0630, 14.2659, -49.1673



200.5540, 19.9399, -2.2399



201.7940, -10.7444, 39.6457



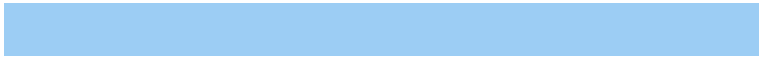
196.1360, -19.7870, -0.1193

Rectangle

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



189.0630, 14.2659, -49.1673



194.7950, 24.2581, -34.0232



201.7940, -10.7444, 39.6457



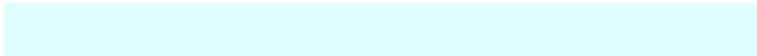
199.3070, -22.3364, 24.2868

Sweetspot

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



189.0630, 14.2659, -49.1673



244.5570, 5.1484, -18.0285



183.5790, -21.9774, -44.3578



121.4440, 3.2321, -10.0364



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.



189.0630, 14.2659, -49.1673



214.4240, 20.0040, -69.6548



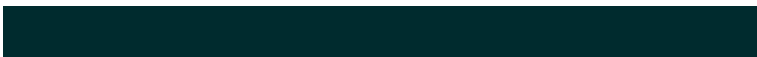
164.4090, 26.4204, -27.5457



106.1240, 1.9109, -6.2477



114.2290, 28.9741, -100.1788



30.4850, 7.6489, -26.7353

Inverse Universe

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



167.4210, 21.9774, 44.3578



183.6480, 31.2325, 62.5757



186.5910, -26.4204, 27.5457



103.4290, 2.7465, 5.7628



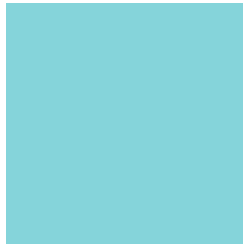
70.0810, 44.8231, 90.2600



18.6560, 12.0016, 23.9807

Previews

White Background



This preview shows how the YUV color 189.0630, 14.2659, -49.1673 looks on a white background.

Color Contrast Check

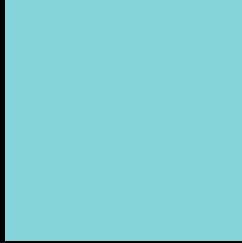
Large Text (above 18pt) WCAG AA × Fail

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 189.0630, 14.2659, -49.1673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

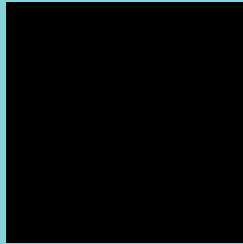
Any Text WCAG AA ✓ Pass

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 189.0630, 14.2659, -49.1673 Background



This preview shows how black text looks on a background with the YUV color 189.0630, 14.2659, -49.1673.



This preview shows how white text looks on a background with the YUV color 189.0630, 14.2659, -49.1673.

-49.1673.

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

189.0630, 14.2659, -49.1673

Protanopia

198.9660, 4.9468, 0.0298

Deuteranopia

200.1930, 10.7509, 5.0927



Tritanopia

190.3990, 18.0443, -47.7079

Trichromacy



Original Color

189.0630, 14.2659, -49.1673

Protanomaly

195.0670, 8.3480, -17.5988

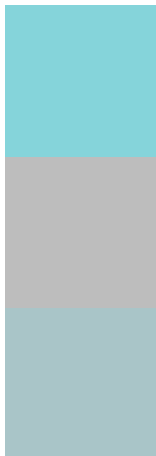
Deuteranomaly

196.1150, 12.2683, -15.0099

Tritanomaly

189.7580, 16.8813, -48.0228

Monochromacy



Original Color

189.0630, 14.2659, -49.1673

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.9700, 5.4378, -17.5137

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.0630, 14.2659, -49.1673 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(133, 212, 218)` looks like.

```
.text, #text, p{  
    color:rgb(133, 212, 218)  
}
```

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(133, 212, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 212, 218) }
```

Border

The CSS property to change the border of an element to YUV 189.0630, 14.2659, -49.1673 is called "border".

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

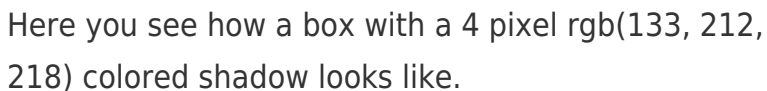
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 212, 218) }
```


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

```
.border{ border-color:rgb(133, 212, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(133, 212, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 212, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 212, 218); box-shadow:4px 4px 4px 4px rgb(133, 212, 218) }
```

Background

The CSS property to change the background color of an element to YUV 189.0630, 14.2659, -49.1673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 212, 218) }
```

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

```
.background{ background-color: rgb(133,  
212, 218) }
```

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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