

Converting Colors

YUV(189.2840, -1.1260,
-59.0081)

Have a look what the booklet for
YUV(189.2840, -1.1260, -59.0081)
contains.

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Color

**YUV(189.2840, -1.1260,
-59.0081)**

Conversions

Conversions Part 1

Format	Color
Hex	7AE0BB
RGB	122, 224, 187
RGB Percent	48%, 88%, 73%
CMY	0.5216, 0.1216, 0.2667
CMYK	0.46, 0.00, 0.17, 0.12
HSL	158°, 62%, 68%
HSV	158°, 46%, 88%
XYZ	43.6513, 61.0367, 56.4943
YIQ	189.2840, -48.9150, -33.1310

Conversions

Conversions Part 2

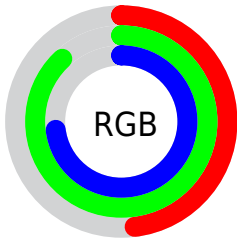
Format	Color
RYB	122, 184, 224
Decimal	8052923
CIELab	82.40, -38.37, 8.94
CIELCh	82, 39.394, 166.881
Yxy	61.0367, 0.2708, 0.3787
Android (android.graphics.Color)	4286243003 (0xFF7AE0BB)
YUV	189.2840, -1.1260, -59.0081
Hunter-Lab	78.1260, -36.9872, 11.8146

Details

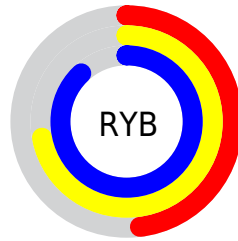
The YUV color **189.2840, -1.1260, -59.0081** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **156.7160, 1.1260, 59.0081**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.9080, 5.9614, -45.5233**, and **133.0280, 0.4792, -60.5376** is the 20% darker color. If you saturate the color by 10%, you get **181.7940, -1.3774, -71.7333**, and if you desaturate by 10%, it is **196.7740, -0.8746, -46.2828**.

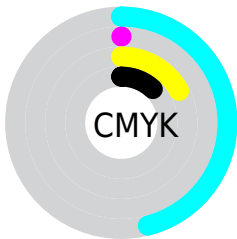
Distribution



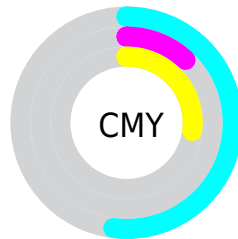
- Red (48%)
- Green (88%)
- Blue (73%)



- Red (48%)
- Yellow (72%)
- Blue (88%)



- Cyan (46%)
- Magenta (0%)
- Yellow (17%)
- Black (12%)



- Cyan (52%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.2840, -1.1260, -59.0081 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 189.2840, -1.1260, -59.0081 by changing the saturation by 10% instead.

■ 189.2840, -1.1260,
-59.0081

■ 189.2840, -1.1260,
-59.0081

255.0000, 0.0000,
0.0000

■ 161.3980, -0.6892,
-59.1080

■ 230.9080, 5.9614,
-45.5233

■ 133.0280, 0.4792,
-60.5376

■ 240.9470, 6.9281,
-28.8945

■ 103.8640, 2.5320,
-65.6557

■ 249.9170, 2.5059,
-10.4512

■ 77.0810, 3.4111,
-67.6000

■ 59.7840, 0.5995,
-52.4306

■ 43.1880, -2.0647,
-37.8759

■ 27.4070, -4.1447,

-24.0359

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,
0.0000

■ 189.2840, -1.1260,
-59.0081

■ 189.2840, -1.1260,
-59.0081

■ 181.7940, -1.3774,
-71.7333

■ 196.7740, -0.8746,
-46.2828

■ 174.0050, -1.4815,
-85.0734

■ 204.5630, -0.7706,
-32.9428

■ 166.5150, -1.7329,
-97.7987

■ 212.0530, -0.5191,
-20.2175

■ 158.6120, -2.2737,
-111.0387

■ 219.9560, 0.0217,
-6.9774

■ 151.1220, -2.5251,
-123.7640

■ 227.4460, 0.2731,
5.7479

■ 147.7900, -2.3615,
-129.6118

■ 234.6370, 0.6720,
17.8584

■ 235.5490, 4.1663,
17.0585

■ 236.4610, 7.6607,
16.2587

■ 236.8030, 8.9711,
15.9588

Harmonies

Analogous

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



195.9280, -21.1635, -25.3699



189.2840, -1.1260, -59.0081



181.6450, 21.3740, -89.1427

Triad

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



189.2840, -1.1260, -59.0081



202.6710, 25.7982, -14.6205



202.2820, -24.2960, 46.2337

Complementary

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



189.2840, -1.1260, -59.0081



156.7160, 1.1260, 59.0081

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.



201.2340, -8.0034, 47.1528



189.2840, -1.1260, -59.0081



209.9900, 22.1899, 22.8108

Square

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



189.2840, -1.1260, -59.0081



192.3730, 30.8751, -56.4551



206.7400, 8.0162, 42.3240



204.0560, -35.0306, 35.9079

Rectangle

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



189.2840, -1.1260, -59.0081



180.4020, 33.3258, -95.9456



206.7400, 8.0162, 42.3240



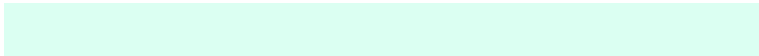
201.5470, -19.4967, 46.8783

Sweetspot

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



189.2840, -1.1260, -59.0081



242.7540, -0.3717, -20.8323



192.9370, -34.9719, -29.7627



120.5100, -0.2514, -12.7253



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.



189.2840, -1.1260, -59.0081



207.3260, -1.6397, -80.9699



185.2840, 19.0870, -55.5001



108.2550, -0.1257, -6.3626



116.0800, -2.0114, -101.8022



31.7100, -0.3500, -27.8097

Inverse Universe

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



156.7160, 1.1260, 59.0081



162.6740, 1.6397, 80.9699



160.7160, -19.0870, 55.5001



104.7450, 0.1257, 6.3626



59.9200, 2.0114, 101.8022



16.4040, 0.7868, 27.7097

Previews

White Background



This preview shows how the YUV color 189.2840, -1.1260, -59.0081 looks on a white background.

Color Contrast Check

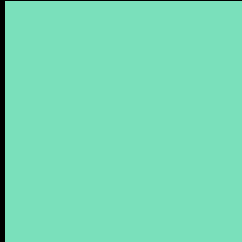
Large Text (above 18pt) WCAG AA × Fail

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 189.2840, -1.1260, -59.0081 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

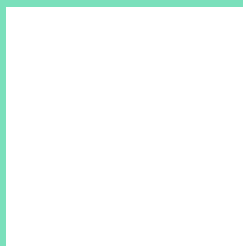
Any Text WCAG AAA ✓ Pass

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

YUV 189.2840, -1.1260, -59.0081 Background



This preview shows how black text looks on a background with the YUV color 189.2840, -1.1260, -59.0081.



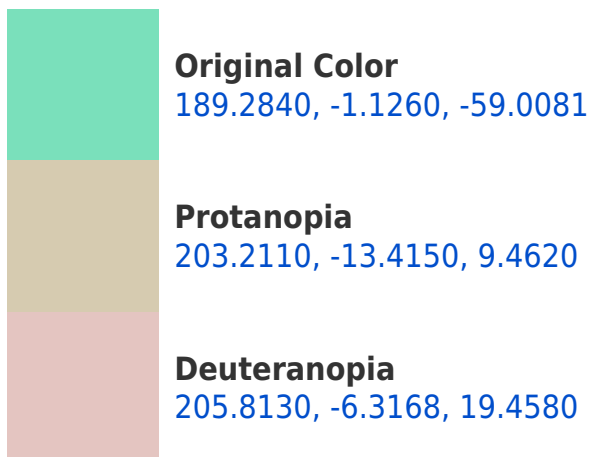
This preview shows how white text looks on a background with the YUV color 189.2840, -1.1260,

-59.0081.

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





Tritanopia

194.5340, 19.9497, -52.2113

Trichromacy



Original Color

189.2840, -1.1260, -59.0081



Protanomaly

198.4960, -9.1185, -15.3440



Deuteranomaly

199.7940, -4.3354, -9.4663



Tritanomaly

192.8620, 12.3930, -55.1300

Monochromacy



Original Color

189.2840, -1.1260, -59.0081



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

189.3410, -0.6611, -21.3471

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.2840, -1.1260, -59.0081 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(122, 224, 187)` looks like.

```
.text, #text, p{  
    color:rgb(122, 224, 187)  
}
```

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(122, 224, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 224, 187) }
```

Border

The CSS property to change the border of an element to YUV 189.2840, -1.1260, -59.0081 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(122, 224, 187) }
```


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

```
.border{ border-color:rgb(122, 224, 187) }
```

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

Here you see how a box with a 4 pixel rgb(122, 224, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 224, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 224, 187);  
box-shadow:4px 4px 4px 4px rgb(122, 224,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 189.2840, -1.1260, -59.0081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 224, 187) }
```

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

```
.background{ background-color: rgb(122,  
224, 187) }
```

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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