

Converting Colors

YUV(189.3280, 19.0653,
-48.5227)

Have a look what the booklet for
YUV(189.3280, 19.0653, -48.5227)
contains.

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Color

**YUV(189.3280, 19.0653,
-48.5227)**

Conversions

Conversions Part 1

Format	Color
Hex	86D2E4
RGB	134, 210, 228
RGB Percent	53%, 82%, 89%
CMY	0.4745, 0.1765, 0.1059
CMYK	0.41, 0.08, 0.00, 0.11
HSL	191°, 64%, 71%
HSV	191°, 41%, 89%
XYZ	46.8817, 56.7630, 81.8842
YIQ	189.3280, -51.0740, -10.5140

Conversions

Conversions Part 2

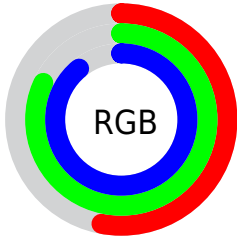
Format	Color
RYB	134, 176, 228
Decimal	8835812
CIELab	80.05, -18.94, -16.28
CIElCh	80, 24.972, 220.687
Yxy	56.7630, 0.2527, 0.3060
Android (android.graphics.Color)	4287025892 (0xFF86D2E4)
YUV	189.3280, 19.0653, -48.5227
Hunter-Lab	75.3412, -20.7739, -11.7002

Details

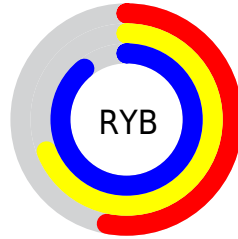
The YUV color **189.3280, 19.0653, -48.5227** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **172.6720, -19.0653, 48.5227**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.8640, 9.4340, -39.3457**, and **134.0290, 19.2127, -49.1374** is the 20% darker color. If you saturate the color by 10%, you get **180.1030, 23.6132, -60.6033**, and if you desaturate by 10%, it is **198.5530, 14.5174, -36.4420**.

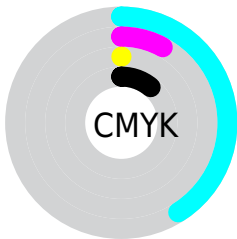
Distribution



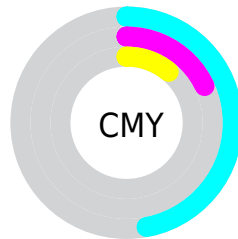
- Red (53%)
- Green (82%)
- Blue (89%)



- Red (53%)
- Yellow (69%)
- Blue (89%)



- Cyan (41%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (47%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.3280, 19.0653, -48.5227 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 189.3280, 19.0653, -48.5227 by changing the saturation by 10% instead.

■ 189.3280, 19.0653,
-48.5227

■ 189.3280, 19.0653,
-48.5227

■ 255.0000, 0.0000,
0.0000

■ 161.3280, 19.0653,
-48.5227

■ 235.8640, 9.4340,
-39.3457

■ 134.0290, 19.2127,
-49.1374

■ 244.5350, 5.1592,
-21.5172

■ 106.7190, 19.3655,
-51.4966

■ 253.5050, 0.7370,
-3.0739

■ 75.6250, 21.8769,
-63.6921

■ 57.7900, 18.3445,
-50.6818

■ 41.6670, 14.9542,
-36.5420

■ 26.1310, 11.2744,

-22.9169

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 189.3280, 19.0653,
-48.5227

■ 189.3280, 19.0653,
-48.5227

■ 180.1030, 23.6132,
-60.6033

■ 198.5530, 14.5174,
-36.4420

■ 170.2910, 28.4505,
-72.1692

■ 208.3650, 9.6801,
-24.8761

■ 161.3650, 32.8511,
-83.6351

■ 217.2910, 5.2795,
-13.4102

■ 152.1400, 37.3990,
-95.7158

■ 226.5160, 0.7316,
-1.3295

■ 142.3280, 42.2363,
-107.2817

■ 236.3280, -4.1057,
10.2363

■ 134.0000, 46.3420,
-117.5180

■ 240.7690, -6.2951,
12.4806

■ 243.7040, -7.7421,
9.9066

■ 246.0520, -8.8996,
7.8474

■ 248.4000,
-10.0572, 5.7882

Harmonies

Analogous

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



188.8910, 8.4347, -45.5084



189.3280, 19.0653, -48.5227



193.3710, 23.9741, -36.2824

Triad

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



189.3280, 19.0653, -48.5227



202.9680, 5.4388, 28.9691



196.7350, -21.5614, 9.0024

Complementary

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



189.3280, 19.0653, -48.5227



172.6720, -19.0653, 48.5227

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.



199.1440, -21.7630, 27.0607



189.3280, 19.0653, -48.5227



202.1620, -5.5029, 38.4459

Square

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



189.3280, 19.0653, -48.5227



201.8930, 15.8288, 9.7408



200.8170, -15.6858, 37.8715



193.6230, -15.0971, -11.0704

Rectangle

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



189.3280, 19.0653, -48.5227



196.7580, 23.7833, -21.7128



200.8170, -15.6858, 37.8715



197.5510, -22.4566, 16.1798

Sweetspot

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



189.3280, 19.0653, -48.5227



242.2090, 6.3060, -15.9693



191.1160, -19.7772, -50.0907



120.2700, 3.8109, -9.0068



0.0000, 0.0000, 0.0000



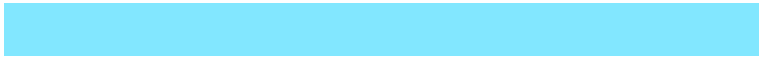
128.0000, 0.0000, 0.0000

Same Dimension

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



189.3280, 19.0653, -48.5227



203.5370, 25.3713, -64.4919



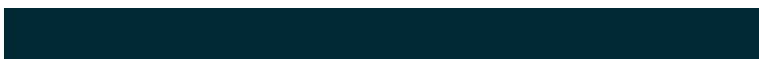
162.3260, 32.3773, -24.8419



110.2380, 2.3477, -6.3477



104.9340, 36.5145, -92.0271



29.8810, 10.4117, -26.2056

Inverse Universe

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



170.7700, 19.3404, 50.1907



178.8890, 25.6907, 66.7493



199.6740, -32.3773, 24.8419



107.7280, 2.5991, 6.3775



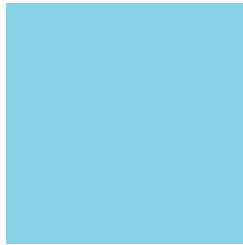
69.9370, 36.5131, 95.6483



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 189.3280, 19.0653, -48.5227 looks on a white background.

Color Contrast Check

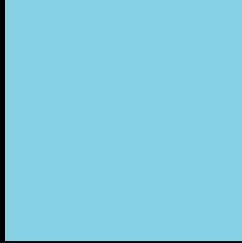
Large Text (above 18pt) WCAG AA × Fail

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 189.3280, 19.0653, -48.5227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

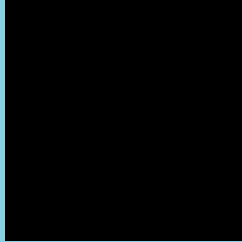
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.3280, 19.0653, -48.5227

Background



This preview shows how black text looks on a background with the YUV color 189.3280, 19.0653, -48.5227.



This preview shows how white text looks on a background with the YUV color 189.3280, 19.0653, -48.5227.

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

189.3280, 19.0653, -48.5227

Protanopia

198.3230, 10.1938, -2.9143

Deuteranopia

199.5390, 16.0033, 0.4043



Tritanopia

189.2140, 18.6285, -48.4227

Trichromacy



Original Color

189.3280, 19.0653, -48.5227

Protanomaly

195.0220, 13.3002, -19.3133

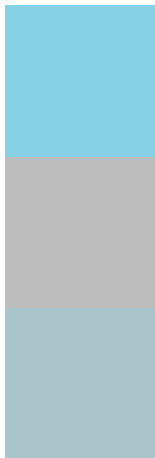
Deuteranomaly

195.7710, 17.3679, -17.3392

Tritanomaly

189.2140, 18.6285, -48.4227

Monochromacy



Original Color

189.3280, 19.0653, -48.5227

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.3120, 6.7482, -17.8136

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.3280, 19.0653, -48.5227 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(134, 210, 228)` looks like.

```
.text, #text, p{  
    color:rgb(134, 210, 228)  
}
```

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(134, 210, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 210, 228) }
```

Border

The CSS property to change the border of an element to YUV 189.3280, 19.0653, -48.5227 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(134, 210, 228) }
```


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

```
.border{ border-color:rgb(134, 210, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 210, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 210, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 210, 228);  
box-shadow:4px 4px 4px 4px rgb(134, 210,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 189.3280, 19.0653, -48.5227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 210, 228) }
```

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

```
.background{ background-color: rgb(134,  
210, 228) }
```

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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