

Converting Colors

YUV(186.2980, 11.1921,
-43.2343)

Have a look what the booklet for
YUV(186.2980, 11.1921, -43.2343)
contains.

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Color

**YUV(186.2980, 11.1921,
-43.2343)**

Conversions

Conversions Part 1

Format	Color
Hex	89CFD1
RGB	137, 207, 209
RGB Percent	54%, 81%, 82%
CMY	0.4627, 0.1882, 0.1804
CMYK	0.34, 0.01, 0.00, 0.18
HSL	182°, 44%, 68%
HSV	182°, 34%, 82%
XYZ	44.1380, 54.5475, 68.5240
YIQ	186.2980, -42.3620, -14.2180

Conversions

Conversions Part 2

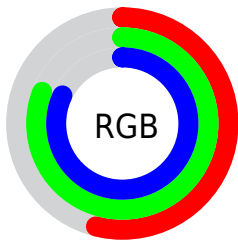
Format	Color
RYB	137, 172, 209
Decimal	9031633
CIELab	78.78, -21.34, -7.98
CIELCh	79, 22.783, 200.499
Yxy	54.5475, 0.2640, 0.3262
Android (android.graphics.Color)	4287221713 (0xFF89CFD1)
YUV	186.2980, 11.1921, -43.2343
Hunter-Lab	73.8563, -22.5733, -3.3100

Details

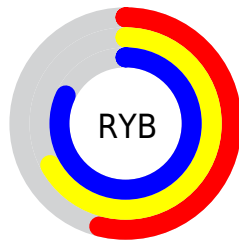
The YUV color $186.2980, 11.1921, -43.2343$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $159.7020, -11.1921, 43.2343$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.4620, 9.1392, -38.1162$, and $131.7110, 11.4815, -42.7195$ is the 20% darker color. If you saturate the color by 10%, you get $179.4320, 14.5770, -55.6299$, and if you desaturate by 10%, it is $193.1640, 7.8071, -30.8388$.

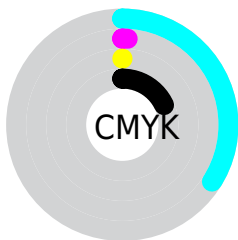
Distribution



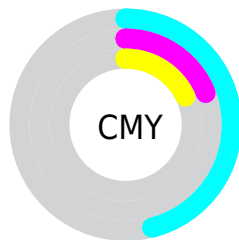
- Red (54%)
- Green (81%)
- Blue (82%)



- Red (54%)
- Yellow (67%)
- Blue (82%)



- Cyan (34%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (46%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.2980, 11.1921, -43.2343 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 186.2980, 11.1921, -43.2343 by changing the saturation by 10% instead.

■ 186.2980, 11.1921,
-43.2343

■ 186.2980, 11.1921,
-43.2343

255.0000, 0.0000,
0.0000

■ 158.5970, 11.0447,
-42.6196

■ 236.4620, 9.1392,
-38.1162

■ 131.7110, 11.4815,
-42.7195

■ 245.1330, 4.8644,
-20.2876

■ 105.1130, 11.7763,
-43.9491

■ 253.8040, 0.5896,
-2.4591

■ 78.3190, 12.6607,
-47.6378

■ 54.3190, 12.6607,
-47.6378

■ 38.1960, 9.2704,
-33.4979

■ 23.3610, 5.7380,

-20.4876

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 186.2980, 11.1921,
-43.2343

■ 186.2980, 11.1921,
-43.2343

■ 179.4320, 14.5770,
-55.6299

■ 193.1640, 7.8071,
-30.8388

■ 173.1530, 17.6726,
-68.5402

■ 199.4430, 4.7116,
-17.9285

■ 166.2870, 21.0575,
-80.9357

■ 206.3090, 1.3267,
-5.5330

■ 160.0080, 24.1531,
-93.8460

■ 212.5880, -1.7689,
7.3773

■ 153.4410, 27.3906,
-105.6268

■ 219.4540, -5.1538,
19.7728

■ 147.1620, 30.4861,
-118.5371

■ 223.3410, -7.0701,
27.7649

■ 142.9870, 32.5444,
-125.3996

■ 223.9280, -7.3595,
27.2501

■ 224.5150, -7.6489,
26.7353

Harmonies

Analogous

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



187.6770, -0.3338, -33.0427



186.2980, 11.1921, -43.2343



187.7850, 19.3330, -41.0304

Triad

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



186.2980, 11.1921, -43.2343



198.4870, 11.5919, 15.3589



194.8550, -20.1415, 20.2982

Complementary

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



186.2980, 11.1921, -43.2343



159.7020, -11.1921, 43.2343

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.



196.8440, -16.6851, 31.7088



186.2980, 11.1921, -43.2343



199.0560, 1.9444, 29.7689

Square

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



186.2980, 11.1921, -43.2343



196.1900, 18.6403, -5.4286



197.7550, -8.2602, 36.1719



192.5000, -18.4875, 3.0695

Rectangle

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



186.2980, 11.1921, -43.2343



190.4100, 21.4899, -32.8086



197.7550, -8.2602, 36.1719



195.7030, -19.5736, 24.8165

Sweetspot

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



186.2980, 11.1921, -43.2343



246.9380, 3.9746, -14.8546



179.3780, -20.3994, -37.1655



122.6290, 2.6479, -9.3216



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.



186.2980, 11.1921, -43.2343



221.8440, 16.3459, -63.0072



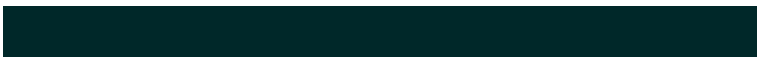
165.7530, 21.3208, -25.2164



101.1240, 1.9109, -6.2477



115.4200, 25.9219, -101.2233



28.1540, 6.3331, -24.6911

Inverse Universe

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



166.5080, 19.9626, 37.2655



193.0230, 29.0757, 54.3538



180.2470, -21.3208, 25.2164



98.4290, 2.7465, 5.7628



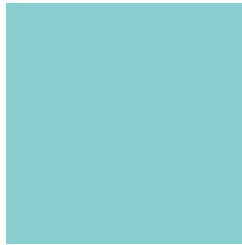
68.9280, 46.8705, 86.8861



16.8190, 11.4282, 21.2067

Previews

White Background



This preview shows how the YUV color 186.2980, 11.1921, -43.2343 looks on a white background.

Color Contrast Check

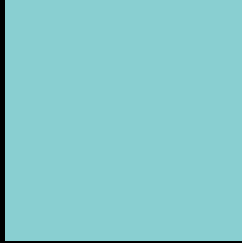
Large Text (above 18pt) WCAG AA × Fail

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 186.2980, 11.1921, -43.2343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

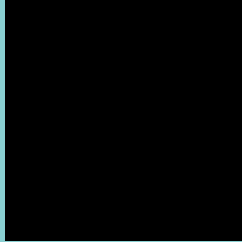
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.2980, 11.1921, -43.2343

Background



This preview shows how black text looks on a background with the YUV color 186.2980, 11.1921, -43.2343.



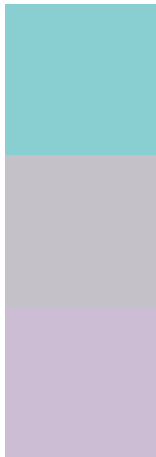
This preview shows how white text looks on a background with the YUV color 186.2980, 11.1921, -43.2343.

-43.2343.

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

186.2980, 11.1921, -43.2343

Protanopia

194.8090, 3.0522, 1.0445

Deuteranopia

196.2210, 8.2720, 6.8222



Tritanopia

187.5030, 17.0070, -41.6601

Trichromacy



Original Color

186.2980, 11.1921, -43.2343

Protanomaly

191.8070, 6.0111, -14.7397

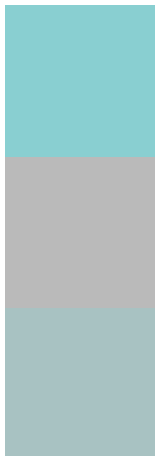
Deuteranomaly

193.0400, 9.3473, -11.4361

Tritanomaly

187.2210, 14.6810, -42.2898

Monochromacy



Original Color

186.2980, 11.1921, -43.2343

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.2260, 3.8326, -15.9842

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.2980, 11.1921, -43.2343 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(137, 207, 209)` looks like.

```
.text, #text, p{  
    color:rgb(137, 207, 209)  
}
```

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(137, 207, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 207, 209) }
```

Border

The CSS property to change the border of an element to YUV 186.2980, 11.1921, -43.2343 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(137, 207, 209) }
```


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

```
.border{ border-color:rgb(137, 207, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 207, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 207, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 207, 209);  
box-shadow:4px 4px 4px 4px rgb(137, 207,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 186.2980, 11.1921, -43.2343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 207, 209) }
```

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

```
.background{ background-color: rgb(137,  
207, 209) }
```

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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