

Converting Colors

YUV(187.1130, 11.7763,
-43.9491)

Have a look what the booklet for
YUV(187.1130, 11.7763, -43.9491)
contains.

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Color

**YUV(187.1130, 11.7763,
-43.9491)**

Conversions

Conversions Part 1

Format	Color
Hex	89D0D3
RGB	137, 208, 211
RGB Percent	54%, 82%, 83%
CMY	0.4627, 0.1843, 0.1725
CMYK	0.35, 0.01, 0.00, 0.17
HSL	182°, 46%, 68%
HSV	182°, 35%, 83%
XYZ	44.6303, 55.1333, 69.9175
YIQ	187.1130, -43.2790, -14.1190

Conversions

Conversions Part 2

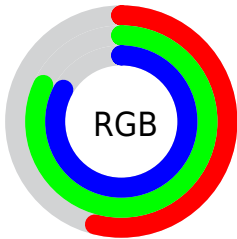
Format	Color
RYB	137, 173, 211
Decimal	9031891
CIELab	79.12, -21.36, -8.55
CIELCh	79, 23.011, 201.811
Yxy	55.1333, 0.2630, 0.3249
Android (android.graphics.Color)	4287221971 (0xFF89D0D3)
YUV	187.1130, 11.7763, -43.9491
Hunter-Lab	74.2518, -22.6502, -3.8529

Details

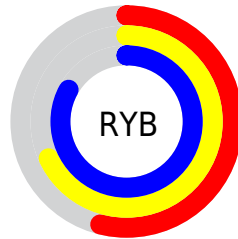
The YUV color **187.1130, 11.7763, -43.9491** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **160.8870, -11.7763, 43.9491**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4620, 9.1392, -38.1162**, and **132.5260, 12.0657, -43.4343** is the 20% darker color. If you saturate the color by 10%, you get **180.2470, 15.1612, -56.3446**, and if you desaturate by 10%, it is **193.9790, 8.3914, -31.5536**.

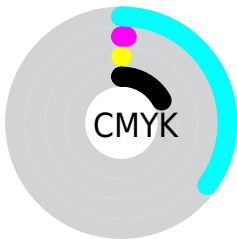
Distribution



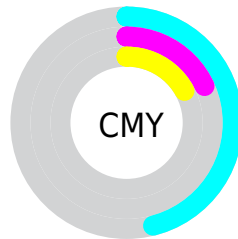
- Red (54%)
- Green (82%)
- Blue (83%)



- Red (54%)
- Yellow (68%)
- Blue (83%)



- Cyan (35%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)



- Cyan (46%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.1130, 11.7763, -43.9491 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 187.1130, 11.7763, -43.9491 by changing the saturation by 10% instead.

■ 187.1130, 11.7763,
-43.9491

■ 187.1130, 11.7763,
-43.9491

255.0000, 0.0000,
0.0000

■ 159.4120, 11.6289,
-43.3343

■ 236.4620, 9.1392,
-38.1162

■ 132.5260, 12.0657,
-43.4343

■ 245.1330, 4.8644,
-20.2876

■ 105.8140, 11.9237,
-44.5639

■ 253.8040, 0.5896,
-2.4591

■ 78.7210, 12.9555,
-48.8673

■ 55.0200, 12.8081,
-48.2525

■ 38.8970, 9.4178,
-34.1127

■ 23.5890, 6.6116,

-20.6876

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 187.1130, 11.7763,
-43.9491

■ 187.1130, 11.7763,
-43.9491

■ 180.2470, 15.1612,
-56.3446

■ 193.9790, 8.3914,
-31.5536

■ 173.3810, 18.5462,
-68.7401

■ 200.8450, 5.0064,
-19.1581

■ 166.5150, 21.9311,
-81.1357

■ 207.7110, 1.6215,
-6.7625

■ 160.2360, 25.0267,
-94.0460

■ 213.9900, -1.4741,
6.1478

■ 153.0710, 28.5590,
-107.0563

■ 221.1550, -5.0064,
19.1581

■ 146.2050, 31.9439,
-119.4518

■ 225.3300, -7.0647,
26.0206

■ 142.6280, 33.7074,
-125.0848

■ 225.9170, -7.3541,
25.5058

■ 226.5040, -7.6435,
24.9910

■ 227.0910, -7.9329,
24.4762

Harmonies

Analogous

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



188.1930, 0.3979, -34.3723



187.1130, 11.7763, -43.9491



188.8990, 19.7698, -41.1304

Triad

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



187.1130, 11.7763, -43.9491



199.7860, 11.4445, 15.9737



195.4420, -20.4309, 19.7834

Complementary

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



187.1130, 11.7763, -43.9491



160.8870, -11.7763, 43.9491

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.



197.7300, -17.1219, 31.8088



187.1130, 11.7763, -43.9491



199.6540, 1.6496, 30.9984

Square

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



187.1130, 11.7763, -43.9491



197.0160, 19.2191, -4.3990



198.6410, -8.6970, 36.2718



193.2010, -18.3401, 2.4547

Rectangle

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



187.1130, 11.7763, -43.9491



191.8230, 21.7793, -32.2938



198.6410, -8.6970, 36.2718



196.2900, -19.8630, 24.3017

Sweetspot

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



187.1130, 11.7763, -43.9491



246.0410, 4.4168, -16.6990



180.6660, -20.5413, -38.2951



122.3300, 2.7953, -9.9364



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.



187.1130, 11.7763, -43.9491



220.6590, 16.9301, -63.7219



165.9810, 22.1944, -25.4163



101.1240, 1.9109, -6.2477



113.6590, 26.7901, -99.6789



27.5670, 6.6225, -24.1763

Inverse Universe

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



167.2200, 20.1045, 38.3951



191.7350, 29.2176, 55.4834



182.0190, -22.1944, 25.4163



98.4290, 2.7465, 5.7628



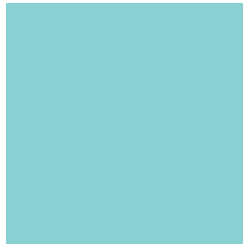
68.5860, 45.5601, 87.1861



16.7050, 10.9914, 21.3067

Previews

White Background



This preview shows how the YUV color 187.1130, 11.7763, -43.9491 looks on a white background.

Color Contrast Check

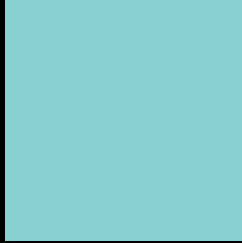
Large Text (above 18pt) WCAG AA × Fail

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 187.1130, 11.7763, -43.9491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

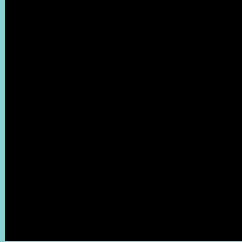
Any Text WCAG AA ✓ Pass

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 187.1130, 11.7763, -43.9491 Background



This preview shows how black text looks on a background with the YUV color 187.1130, 11.7763, -43.9491.



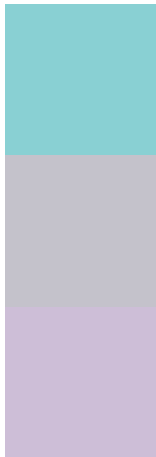
This preview shows how white text looks on a background with the YUV color 187.1130, 11.7763,

-43.9491.

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

187.1130, 11.7763, -43.9491

Protanopia

195.6240, 3.6364, 0.3298

Deuteranopia

197.3350, 8.7088, 6.7222



Tritanopia

188.2040, 17.1544, -42.2749

Trichromacy



Original Color

187.1130, 11.7763, -43.9491

Protanomaly

192.6220, 6.5954, -15.4545

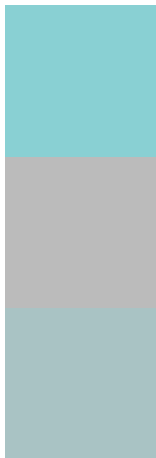
Deuteranomaly

193.8550, 9.9315, -12.1508

Tritanomaly

188.0360, 15.2653, -43.0046

Monochromacy



Original Color

187.1130, 11.7763, -43.9491

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.3400, 4.2694, -16.0842

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.1130, 11.7763, -43.9491 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, 208, 211)` looks like.

```
.text, #text, p{  
    color:rgb(137, 208, 211)  
}
```

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, 208, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 208, 211) }
```

Border

The CSS property to change the border of an element to YUV 187.1130, 11.7763, -43.9491 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, 208, 211) }
```


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

```
.border{ border-color:rgb(137, 208, 211) }
```

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

Here you see how a box with a 4 pixel rgb(137, 208, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 208, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 208, 211);  
box-shadow:4px 4px 4px 4px rgb(137, 208,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 187.1130, 11.7763, -43.9491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 208, 211) }
```

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

```
.background{ background-color: rgb(137,  
208, 211) }
```

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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