

Converting Colors

YUV(189.3200, 11.1812,
-39.7456)

Have a look what the booklet for
YUV(189.3200, 11.1812, -39.7456)
contains.

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Color

**YUV(189.3200, 11.1812,
-39.7456)**

Conversions

Conversions Part 1

Format	Color
Hex	90D0D4
RGB	144, 208, 212
RGB Percent	56%, 82%, 83%
CMY	0.4353, 0.1843, 0.1686
CMYK	0.32, 0.02, 0.00, 0.17
HSL	184°, 44%, 70%
HSV	184°, 32%, 83%
XYZ	45.9411, 55.7945, 70.6354
YIQ	189.3200, -39.4280, -12.3240

Conversions

Conversions Part 2

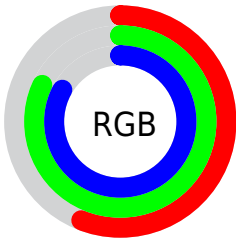
Format	Color
RYB	144, 177, 212
Decimal	9490644
CIELab	79.50, -19.23, -8.49
CIELCh	79, 21.017, 203.812
Yxy	55.7945, 0.2665, 0.3237
Android (android.graphics.Color)	4287680724 (0xFF90D0D4)
YUV	189.3200, 11.1812, -39.7456
Hunter-Lab	74.6957, -20.9322, -3.7801

Details

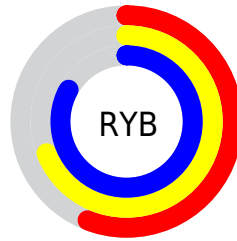
The YUV color **189.3200, 11.1812, -39.7456** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **166.6800, -11.1812, 39.7456**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5550, 8.1074, -33.8127**, and **134.6190, 11.0338, -39.1309** is the 20% darker color. If you saturate the color by 10%, you get **182.4540, 14.5662, -52.1412**, and if you desaturate by 10%, it is **196.1860, 7.7963, -27.3501**.

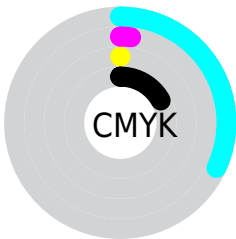
Distribution



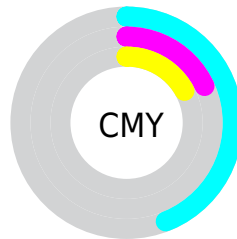
- Red (56%)
- Green (82%)
- Blue (83%)



- Red (56%)
- Yellow (69%)
- Blue (83%)



- Cyan (32%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (44%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.3200, 11.1812, -39.7456 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 189.3200, 11.1812, -39.7456 by changing the saturation by 10% instead.

■ 189.3200, 11.1812,
-39.7456

■ 189.3200, 11.1812,
-39.7456

255.0000, 0.0000,
0.0000

■ 161.6190, 11.0338,
-39.1309

■ 238.5550, 8.1074,
-33.8127

■ 134.6190, 11.0338,
-39.1309

■ 247.2260, 3.8326,
-15.9842

■ 108.6190, 11.0338,
-39.1309

■ 82.7220, 11.4761,
-40.9752

■ 55.1340, 13.2449,
-48.3525

■ 39.0110, 9.8546,
-34.2126

■ 24.1760, 6.3222,

-21.2024

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 189.3200, 11.1812,
-39.7456

■ 189.3200, 11.1812,
-39.7456

■ 182.4540, 14.5662,
-52.1412

■ 196.1860, 7.7963,
-27.3501

■ 175.5880, 17.9511,
-64.5367

■ 203.0520, 4.4114,
-14.9546

■ 167.8360, 21.7729,
-77.0322

■ 210.8040, 0.5896,
-2.4591

■ 160.9700, 25.1578,
-89.4277

■ 217.6700, -2.7953,
9.9364

■ 154.1040, 28.5427,
-101.8232

■ 224.5360, -6.1802,
22.3319

■ 147.2380, 31.9277,
-114.2187

■ 226.6180, -7.2067,
24.8910

■ 141.5680, 34.7230,
-124.1551

■ 227.7920, -7.7855,
23.8614

■ 228.3790, -8.0748,
23.3466

■ 228.9660, -8.3642,
22.8318

Harmonies

Analogous

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



190.0300, 0.9712, -31.5983



189.3200, 11.1812, -39.7456



191.1770, 18.1537, -36.1122

Triad

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



189.3200, 11.1812, -39.7456



200.3300, 9.6973, 16.3736



196.4740, -18.9677, 17.1243

Complementary

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



189.3200, 11.1812, -39.7456



166.6800, -11.1812, 39.7456

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.



198.3490, -15.9481, 28.6349



189.3200, 11.1812, -39.7456



201.0020, 0.4920, 28.9392

Square

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



189.3200, 11.1812, -39.7456



198.1580, 17.1771, -2.7696



199.9180, -8.8336, 33.3979



194.6460, -16.5875, 0.3105

Rectangle

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



189.3200, 11.1812, -39.7456



193.6880, 19.8738, -27.7904



199.9180, -8.8336, 33.3979



197.3220, -18.3997, 21.6426

Sweetspot

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



189.3200, 11.1812, -39.7456



246.9380, 3.9746, -14.8546



184.2580, -18.3682, -35.3063



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.



189.3200, 11.1812, -39.7456



222.4750, 16.0348, -56.5446



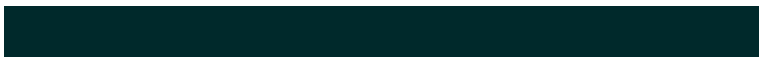
169.9490, 20.7311, -22.7573



103.1240, 1.9109, -6.2477



114.0010, 28.1005, -99.9789



28.9690, 6.9173, -25.4058

Inverse Universe

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



171.6280, 17.9314, 35.4062



197.3770, 25.4501, 50.5354



186.0510, -20.7311, 22.7573



100.4290, 2.7465, 5.7628



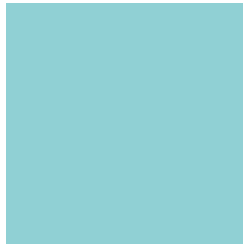
69.4830, 45.1179, 89.0304



17.5310, 11.5702, 22.3363

Previews

White Background



This preview shows how the YUV color 189.3200, 11.1812, -39.7456 looks on a white background.

Color Contrast Check

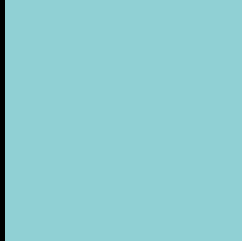
Large Text (above 18pt) WCAG AA × Fail

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 189.3200, 11.1812, -39.7456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

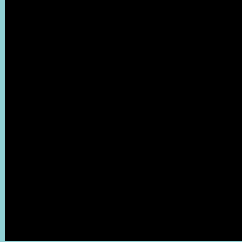
Any Text WCAG AA ✓ Pass

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 189.3200, 11.1812, -39.7456 Background



This preview shows how black text looks on a background with the YUV color 189.3200, 11.1812, -39.7456.



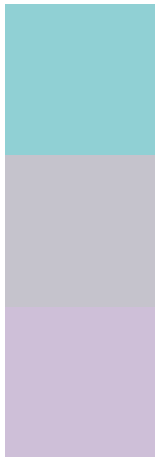
This preview shows how white text looks on a background with the YUV color 189.3200, 11.1812, -39.7456.

-39.7456.

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

189.3200, 11.1812, -39.7456

Protanopia

196.6240, 3.6364, 0.3298

Deuteranopia

198.3350, 8.7088, 6.7222



Tritanopia

190.2970, 16.1226, -37.9715

Trichromacy



Original Color

189.3200, 11.1812, -39.7456

Protanomaly

194.2200, 6.3005, -14.2249

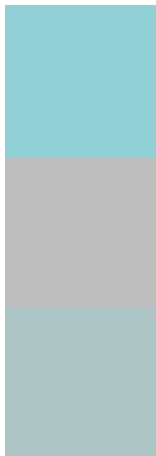
Deuteranomaly

194.8660, 9.9261, -10.4065

Tritanomaly

190.1290, 14.2334, -38.7011

Monochromacy



Original Color

189.3200, 11.1812, -39.7456

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.2370, 3.8272, -14.2398

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.3200, 11.1812, -39.7456 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(144, 208, 212)` looks like.

```
.text, #text, p{  
    color:rgb(144, 208, 212)  
}
```

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(144, 208, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 208, 212) }
```

Border

The CSS property to change the border of an element to YUV 189.3200, 11.1812, -39.7456 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(144, 208, 212) }
```


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

```
.border{ border-color:rgb(144, 208, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 208, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 208, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 208, 212); box-shadow:4px 4px 4px 4px rgb(144, 208, 212) }
```

Background

The CSS property to change the background color of an element to YUV 189.3200, 11.1812, -39.7456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 208, 212) }
```

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

```
.background{ background-color: rgb(144,  
208, 212) }
```

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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