

Converting Colors

YUV(181.2600, 12.1968,
-38.8160)

Have a look what the booklet for
YUV(181.2600, 12.1968, -38.8160)
contains.

YUV(181.2600, 12.1968, -38.8160)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(181.2600, 12.1968,
-38.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	89C7CE
RGB	137, 199, 206
RGB Percent	54%, 78%, 81%
CMY	0.4627, 0.2196, 0.1922
CMYK	0.33, 0.03, 0.00, 0.19
HSL	186°, 41%, 67%
HSV	186°, 33%, 81%
XYZ	41.8805, 50.6214, 65.9561
YIQ	181.2600, -39.1990, -10.9670

Conversions

Conversions Part 2

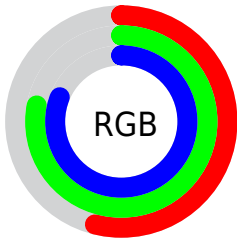
Format	Color
RYB	137, 170, 206
Decimal	9029582
CIELab	76.45, -18.01, -9.83
CIELCh	76, 20.518, 208.622
Yxy	50.6214, 0.2643, 0.3195
Android (android.graphics.Color)	4287219662 (0xFF89C7CE)
YUV	181.2600, 12.1968, -38.8160
Hunter-Lab	71.1487, -19.4392, -5.1587

Details

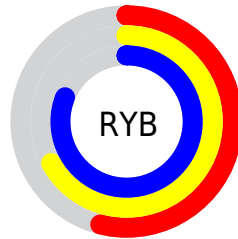
The YUV color **181.2600, 12.1968, -38.8160** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **161.7400, -12.1968, 38.8160**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4620, 9.1392, -38.1162**, and **127.2600, 12.1968, -38.8160** is the 20% darker color. If you saturate the color by 10%, you get **173.8070, 15.8711, -50.6967**, and if you desaturate by 10%, it is **188.7130, 8.5225, -26.9353**.

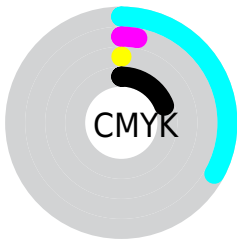
Distribution



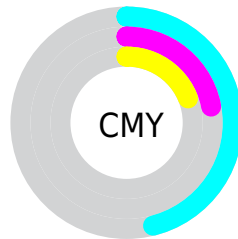
- Red (54%)
- Green (78%)
- Blue (81%)



- Red (54%)
- Yellow (67%)
- Blue (81%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (19%)



- Cyan (46%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.2600, 12.1968, -38.8160 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 181.2600, 12.1968, -38.8160 by changing the saturation by 10% instead.

■ 181.2600, 12.1968,
-38.8160

■ 181.2600, 12.1968,
-38.8160

■ 255.0000, 0.0000,
0.0000

■ 154.2600, 12.1968,
-38.8160

■ 236.4620, 9.1392,
-38.1162

■ 127.2600, 12.1968,
-38.8160

■ 244.8340, 5.0118,
-20.9024

■ 101.2600, 12.1968,
-38.8160

■ 253.5050, 0.7370,
-3.0739

■ 75.0640, 12.7864,
-41.2751

■ 49.8680, 13.3761,
-43.7342

■ 34.3320, 9.6963,
-30.1092

■ 20.1980, 6.3114,

-17.7136

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 181.2600, 12.1968,
-38.8160

■ 181.2600, 12.1968,
-38.8160

■ 173.8070, 15.8711,
-50.6967

■ 188.7130, 8.5225,
-26.9353

■ 166.6530, 19.3981,
-61.9627

■ 195.8670, 4.9956,
-15.6694

■ 159.2000, 23.0724,
-73.8434

■ 203.3200, 1.3212,
-3.7886

■ 152.0460, 26.5993,
-85.1093

■ 210.4740, -2.2057,
7.4773

■ 144.5930, 30.2737,
-96.9901

■ 217.9270, -5.8800,
19.3580

■ 136.5530, 34.2374,
-108.3560

■ 224.1730, -8.9593,
27.0353

■ 132.0790, 36.4431,
-115.8333

■ 225.3470, -9.5381,
26.0057

■ 226.5210,
-10.1169, 24.9761

■ 227.6950,
-10.6956, 23.9465

Harmonies

Analogous

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



181.7740, 2.5764, -33.1278



181.2600, 12.1968, -38.8160



183.4870, 18.0009, -33.7531

Triad

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



181.2600, 12.1968, -38.8160



191.9990, 8.3815, 18.4179



187.9790, -18.2306, 14.0504

Complementary

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



181.2600, 12.1968, -38.8160



161.7400, -12.1968, 38.8160

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.



189.9250, -16.2320, 26.3758



181.2600, 12.1968, -38.8160



191.9590, -0.9658, 29.8540

Square

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



181.2600, 12.1968, -38.8160



190.4250, 15.5665, 0.5043



190.9780, -9.8492, 32.4683



185.9770, -15.2717, -1.7338

Rectangle

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



181.2600, 12.1968, -38.8160



185.5960, 19.4262, -24.2017



190.9780, -9.8492, 32.4683



188.7130, -18.0995, 18.6687

Sweetspot

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



181.2600, 12.1968, -38.8160



245.7640, 4.5533, -13.8250



178.3010, -16.9104, -36.2210



122.0420, 2.9373, -8.8068



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.



181.2600, 12.1968, -38.8160



218.6320, 17.9294, -57.5593



161.3020, 22.0361, -21.3129



98.4230, 1.7635, -5.6330



106.3870, 29.3892, -93.3014



24.2900, 6.7590, -21.3023

Inverse Universe

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



164.6990, 16.9104, 36.2210



193.9860, 25.1499, 53.5093



181.6980, -22.0361, 21.3129



96.0160, 2.4571, 5.2480



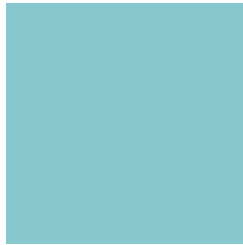
66.6200, 40.6133, 87.1563



15.2380, 9.2497, 19.9623

Previews

White Background



This preview shows how the YUV color 181.2600, 12.1968, -38.8160 looks on a white background.

Color Contrast Check

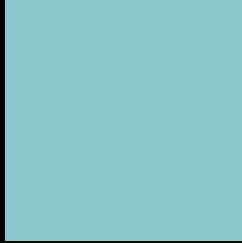
Large Text (above 18pt) WCAG AA × Fail

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 181.2600, 12.1968, -38.8160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

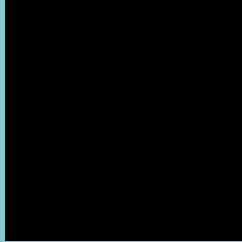
Any Text WCAG AA ✓ Pass

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 181.2600, 12.1968, -38.8160 Background



This preview shows how black text looks on a background with the YUV color 181.2600, 12.1968, -38.8160.



This preview shows how white text looks on a background with the YUV color 181.2600, 12.1968, -38.8160.

-38.8160.

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

181.2600, 12.1968, -38.8160

Protanopia

188.5530, 4.6574, -0.4850

Deuteranopia

189.8510, 9.4405, 5.3927



Tritanopia

182.1830, 15.6858, -37.8715

Trichromacy



Original Color

181.2600, 12.1968, -38.8160

Protanomaly

185.5620, 7.6109, -14.5249

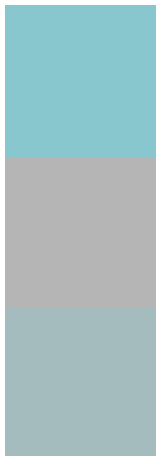
Deuteranomaly

186.9800, 10.3629, -10.5065

Tritanomaly

181.5420, 14.5228, -38.1863

Monochromacy



Original Color

181.2600, 12.1968, -38.8160

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.3510, 4.2640, -14.3398

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.2600, 12.1968, -38.8160 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, 199, 206)` looks like.

```
.text, #text, p{  
    color:rgb(137, 199, 206)  
}
```

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, 199, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 199, 206) }
```

Border

The CSS property to change the border of an element to YUV 181.2600, 12.1968, -38.8160 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, 199, 206) }
```


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

```
.border{ border-color:rgb(137, 199, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 199, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 199, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 199, 206);  
box-shadow:4px 4px 4px 4px rgb(137, 199,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 181.2600, 12.1968, -38.8160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 199, 206) }
```

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

```
.background{ background-color: rgb(137,  
199, 206) }
```

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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