

Converting Colors

YUV(179.9720, 12.3388,
-37.6864)

Have a look what the booklet for
YUV(179.9720, 12.3388, -37.6864)
contains.

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Color

**YUV(179.9720, 12.3388,
-37.6864)**

Conversions

Conversions Part 1

Format	Color
Hex	89C5CD
RGB	137, 197, 205
RGB Percent	54%, 77%, 80%
CMY	0.4627, 0.2275, 0.1961
CMYK	0.33, 0.04, 0.00, 0.20
HSL	187°, 40%, 67%
HSV	187°, 33%, 80%
XYZ	41.3022, 49.6586, 65.1658
YIQ	179.9720, -38.3280, -10.2320

Conversions

Conversions Part 2

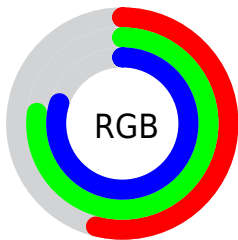
Format	Color
RYB	137, 169, 205
Decimal	9029069
CIELab	75.86, -17.23, -10.17
CIELCh	76, 20.004, 210.547
Yxy	49.6586, 0.2645, 0.3181
Android (android.graphics.Color)	4287219149 (0xFF89C5CD)
YUV	179.9720, 12.3388, -37.6864
Hunter-Lab	70.4689, -18.7007, -5.5000

Details

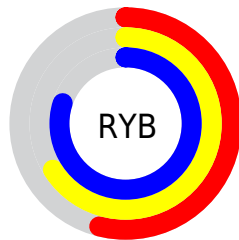
The YUV color $179.9720, 12.3388, -37.6864$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $162.0280, -12.3388, 37.6864$, and the grayscale version is $180.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.5760, 9.5760, -38.2162$, and $126.2710, 12.1914, -37.0717$ is the 20% darker color. If you saturate the color by 10%, you get $172.5190, 16.0131, -49.5672$, and if you desaturate by 10%, it is $187.1260, 8.8119, -26.4205$.

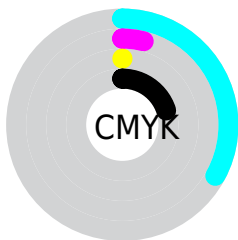
Distribution



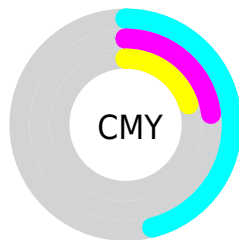
- Red (54%)
- Green (77%)
- Blue (80%)



- Red (54%)
- Yellow (66%)
- Blue (80%)



- Cyan (33%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (46%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.9720, 12.3388, -37.6864 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 179.9720, 12.3388, -37.6864 by changing the saturation by 10% instead.

■ 179.9720, 12.3388,
-37.6864

■ 179.9720, 12.3388,
-37.6864

255.0000, 0.0000,
0.0000

■ 152.9720, 12.3388,
-37.6864

■ 235.5760, 9.5760,
-38.2162

■ 126.2710, 12.1914,
-37.0717

■ 244.8340, 5.0118,
-20.9024

■ 99.9720, 12.3388,
-37.6864

■ 253.5050, 0.7370,
-3.0739

■ 74.6620, 12.4916,
-40.0456

■ 49.1670, 13.2287,
-43.1195

■ 33.0440, 9.8383,
-28.9796

■ 19.4970, 6.1640,

-17.0989

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 179.9720, 12.3388,
-37.6864

■ 179.9720, 12.3388,
-37.6864

■ 172.5190, 16.0131,
-49.5672

■ 187.1260, 8.8119,
-26.4205

■ 164.7780, 19.8294,
-60.3183

■ 195.1660, 4.8482,
-15.0546

■ 157.3250, 23.5038,
-72.1990

■ 202.6190, 1.1738,
-3.1739

■ 149.5840, 27.3201,
-82.9502

■ 210.3600, -2.6425,
7.5773

■ 142.1310, 30.9944,
-94.8309

■ 217.8130, -6.3168,
19.4580

■ 134.9770, 34.5213,
-106.0968

■ 223.4720, -9.1067,
27.6501

■ 129.6170, 37.1638,
-113.6741

■ 225.2330, -9.9749,
26.1057

■ 226.4070,
-10.5537, 25.0761

■ 228.1680,
-11.4218, 23.5317

Harmonies

Analogous

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



180.3010, 3.3026, -32.7130



179.9720, 12.3388, -37.6864



182.3840, 17.5587, -31.9088

Triad

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



179.9720, 12.3388, -37.6864



190.3580, 7.2185, 18.1030



186.3810, -17.9358, 12.8209

Complementary

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



179.9720, 12.3388, -37.6864



162.0280, -12.3388, 37.6864

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.



188.2130, -16.3740, 25.2462



179.9720, 12.3388, -37.6864



190.1330, -1.5446, 28.8244

Square

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



179.9720, 12.3388, -37.6864



188.9090, 14.8349, 1.8338



189.2660, -9.9911, 31.3387



184.4930, -14.5400, -3.0634

Rectangle

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



179.9720, 12.3388, -37.6864



184.4930, 18.9840, -22.3574



189.2660, -9.9911, 31.3387



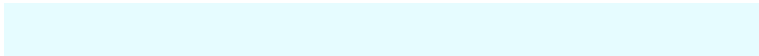
187.1150, -17.8047, 17.4391

Sweetspot

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



179.9720, 12.3388, -37.6864



245.7640, 4.5533, -13.8250



177.8280, -16.1842, -35.8062



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.



179.9720, 12.3388, -37.6864



217.4580, 18.5082, -56.5297



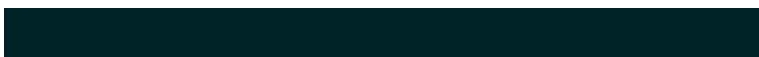
160.0140, 22.1781, -20.1833



98.4230, 1.7635, -5.6330



104.6260, 30.2574, -91.7570



24.2900, 6.7590, -21.3023

Inverse Universe

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



164.1720, 16.1842, 35.8062



193.7580, 24.2763, 53.7092



181.9860, -22.1781, 20.1833



96.0160, 2.4571, 5.2480



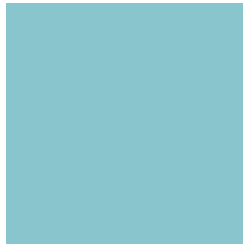
66.2780, 39.3029, 87.4562



15.2380, 9.2497, 19.9623

Previews

White Background



This preview shows how the YUV color 179.9720, 12.3388, -37.6864 looks on a white background.

Color Contrast Check

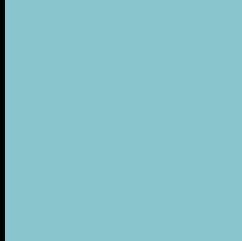
Large Text (above 18pt) WCAG AA × Fail

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 179.9720, 12.3388, -37.6864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

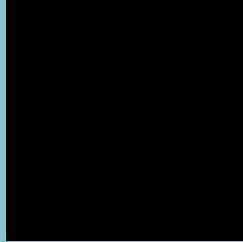
Any Text WCAG AA ✓ Pass

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 179.9720, 12.3388, -37.6864 Background



This preview shows how black text looks on a background with the YUV color 179.9720, 12.3388, -37.6864.



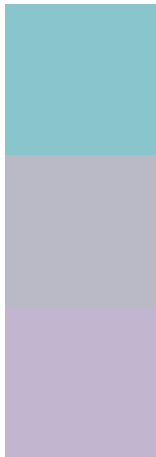
This preview shows how white text looks on a background with the YUV color 179.9720, 12.3388, -37.6864.

-37.6864.

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

179.9720, 12.3388, -37.6864

Protanopia

186.7810, 5.5310, -0.6849

Deuteranopia

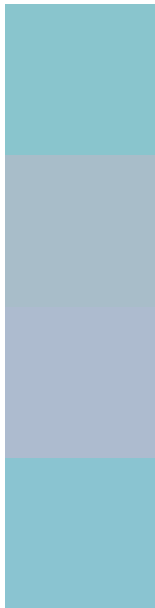
187.9650, 9.8773, 5.2927



Tritanopia

180.7810, 15.3910, -36.6419

Trichromacy



Original Color

179.9720, 12.3388, -37.6864

Protanomaly

184.0890, 8.3371, -14.1101

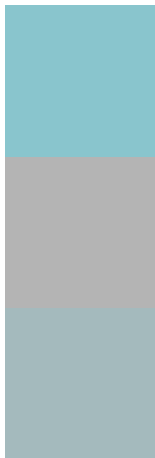
Deuteranomaly

185.0940, 10.7997, -10.6064

Tritanomaly

180.1400, 14.2280, -36.9568

Monochromacy



Original Color

179.9720, 12.3388, -37.6864

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.7640, 4.5533, -13.8250

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.9720, 12.3388, -37.6864 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, 197, 205)` looks like.

```
.text, #text, p{  
    color:rgb(137, 197, 205)  
}
```

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, 197, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 197, 205) }
```

Border

The CSS property to change the border of an element to YUV 179.9720, 12.3388, -37.6864 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, 197, 205) }
```


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

```
.border{ border-color:rgb(137, 197, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 197, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 197, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 197, 205);  
box-shadow:4px 4px 4px 4px rgb(137, 197,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 179.9720, 12.3388, -37.6864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 197, 205) }
```

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

```
.background{ background-color: rgb(137,  
197, 205) }
```

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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