

Converting Colors

YUV(178.4990, 13.0650,
-37.2716)

Have a look what the booklet for
YUV(178.4990, 13.0650, -37.2716)
contains.

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Color

**YUV(178.4990, 13.0650,
-37.2716)**

Conversions

Conversions Part 1

Format	Color
Hex	88C3CD
RGB	136, 195, 205
RGB Percent	53%, 76%, 80%
CMY	0.4667, 0.2353, 0.1961
CMYK	0.34, 0.05, 0.00, 0.20
HSL	189°, 41%, 67%
HSV	189°, 34%, 80%
XYZ	40.6879, 48.6722, 65.0078
YIQ	178.4990, -38.3740, -9.3980

Conversions

Conversions Part 2

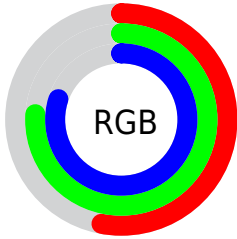
Format	Color
R _Y B	136, 168, 205
Decimal	8963021
CIE Lab	75.25, -16.48, -11.09
CIE LCh	75, 19.859, 213.937
Yxy	48.6722, 0.2636, 0.3153
Android (android.graphics.Color)	4287153101 (0xFF88C3CD)
YUV	178.4990, 13.0650, -37.2716
Hunter-Lab	69.7655, -17.9867, -6.4109

Details

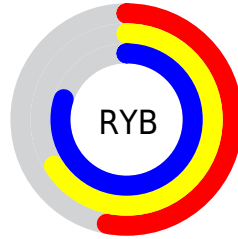
The YUV color **178.4990, 13.0650, -37.2716** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **162.5010, -13.0650, 37.2716**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.1030, 10.3022, -37.8013**, and **124.7980, 12.9176, -36.6568** is the 20% darker color. If you saturate the color by 10%, you get **170.7580, 16.8813, -48.0228**, and if you desaturate by 10%, it is **186.5390, 9.1013, -25.9057**.

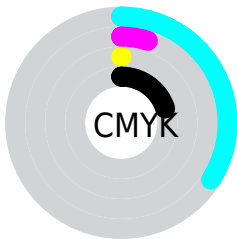
Distribution



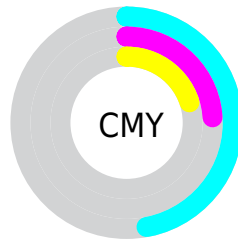
- Red (53%)
- Green (76%)
- Blue (80%)



- Red (53%)
- Yellow (66%)
- Blue (80%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (47%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.4990, 13.0650, -37.2716 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 178.4990, 13.0650, -37.2716 by changing the saturation by 10% instead.

■ 178.4990, 13.0650,
-37.2716

■ 178.4990, 13.0650,
-37.2716

255.0000, 0.0000,
0.0000

■ 151.4990, 13.0650,
-37.2716

■ 234.1030, 10.3022,
-37.8013

■ 124.7980, 12.9176,
-36.6568

■ 244.5350, 5.1592,
-21.5172

■ 99.0860, 12.7756,
-37.7864

■ 253.2060, 0.8844,
-3.6887

■ 72.8900, 13.3652,
-40.2455

■ 47.9930, 13.8075,
-42.0899

■ 32.4570, 10.1277,
-28.4648

■ 18.9100, 6.4534,

-16.5841

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 178.4990, 13.0650,
-37.2716

■ 178.4990, 13.0650,
-37.2716

■ 170.7580, 16.8813,
-48.0228

■ 186.5390, 9.1013,
-25.9057

■ 162.7180, 20.8450,
-59.3887

■ 194.2800, 5.2850,
-15.1546

■ 154.9770, 24.6613,
-70.1398

■ 202.3200, 1.3212,
-3.7886

■ 146.9370, 28.6251,
-81.5057

■ 210.0610, -2.4951,
6.9625

■ 139.1960, 32.4414,
-92.2569

■ 218.1010, -6.4588,
18.3284

■ 131.1560, 36.4051,
-103.6228

■ 224.6460, -9.6855,
26.6205

■ 126.0950, 38.9002,
-110.5853

■ 226.4070,
-10.5537, 25.0761

■ 228.1680,
-11.4218, 23.5317

■ 229.9290,
-12.2900, 21.9873

Harmonies

Analogous

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



178.5290, 4.1762, -32.9129



178.4990, 13.0650, -37.2716



181.2100, 18.1375, -30.8792

Triad

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



178.4990, 13.0650, -37.2716



188.8420, 6.4869, 19.4326



184.4840, -17.4936, 10.9765

Complementary

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



178.4990, 13.0650, -37.2716



162.5010, -13.0650, 37.2716

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.



186.2020, -16.3686, 23.5018



178.4990, 13.0650, -37.2716



188.2040, -2.5656, 29.6391

Square

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



178.4990, 13.0650, -37.2716



187.6920, 13.9558, 3.7781



187.7390, -10.7173, 30.9239



182.1230, -13.3716, -4.4929

Rectangle

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



178.4990, 13.0650, -37.2716



183.3900, 18.5417, -20.5130



187.7390, -10.7173, 30.9239



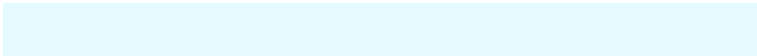
185.1040, -17.7993, 15.6948

Sweetspot

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



178.4990, 13.0650, -37.2716



245.1770, 4.8427, -13.3102



177.5290, -16.0368, -36.4209



121.4550, 3.2267, -8.2920



0.0000, 0.0000, 0.0000



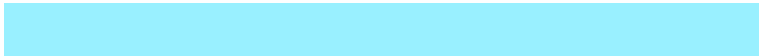
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



178.4990, 13.0650, -37.2716



215.6970, 19.3764, -54.9853



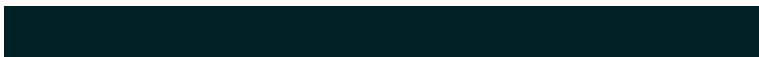
158.5410, 22.9043, -19.7685



98.4230, 1.7635, -5.6330



102.2780, 31.4149, -89.6978



23.7030, 7.0484, -20.7875

Inverse Universe

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



163.3570, 15.6000, 36.5209



193.4160, 22.9659, 54.0092



182.4590, -22.9043, 19.7685



96.0160, 2.4571, 5.2480



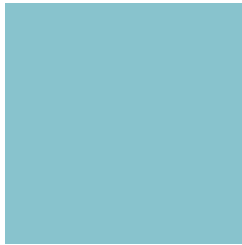
65.8220, 37.5558, 87.8561



15.1240, 8.8129, 20.0623

Previews

White Background



This preview shows how the YUV color 178.4990, 13.0650, -37.2716 looks on a white background.

Color Contrast Check

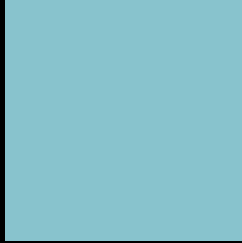
Large Text (above 18pt) WCAG AA × Fail

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 178.4990, 13.0650, -37.2716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

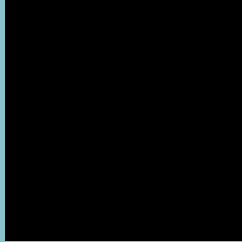
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.4990, 13.0650, -37.2716

Background



This preview shows how black text looks on a background with the YUV color 178.4990, 13.0650, -37.2716.



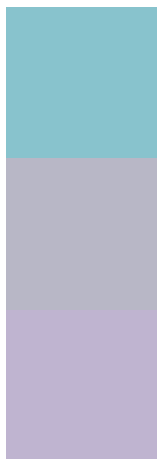
This preview shows how white text looks on a background with the YUV color 178.4990, 13.0650,

-37.2716.

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

178.4990, 13.0650, -37.2716

Protanopia

185.0090, 6.4046, -0.8849

Deuteranopia

186.4810, 10.6089, 3.9632



Tritanopia

178.7810, 15.3910, -36.6419

Trichromacy



Original Color

178.4990, 13.0650, -37.2716

Protanomaly

182.6160, 9.0633, -13.6952

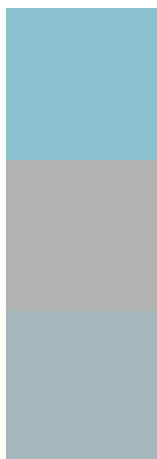
Deuteranomaly

183.3220, 11.6733, -10.8064

Tritanomaly

178.5530, 14.5174, -36.4420

Monochromacy



Original Color

178.4990, 13.0650, -37.2716

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.1770, 4.8427, -13.3102

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.4990, 13.0650, -37.2716 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(136, 195, 205)` looks like.

```
.text, #text, p{  
    color:rgb(136, 195, 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(136, 195, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 195, 205) }
```

Border

The CSS property to change the border of an element to YUV 178.4990, 13.0650, -37.2716 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(136, 195, 205) }
```


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

```
.border{ border-color:rgb(136, 195, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 195, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 195, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 195, 205);  
box-shadow:4px 4px 4px 4px rgb(136, 195,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 178.4990, 13.0650, -37.2716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 195, 205) }
```

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

```
.background{ background-color: rgb(136,  
195, 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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