

Converting Colors

YUV(173.4990, 13.0650,
-37.2716)

Have a look what the booklet for
YUV(173.4990, 13.0650, -37.2716)
contains.

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Color

**YUV(173.4990, 13.0650,
-37.2716)**

Conversions

Conversions Part 1

Format	Color
Hex	83BEC8
RGB	131, 190, 200
RGB Percent	51%, 75%, 78%
CMY	0.4863, 0.2549, 0.2157
CMYK	0.35, 0.05, 0.00, 0.22
HSL	189°, 39%, 65%
HSV	189°, 34%, 78%
XYZ	38.1989, 45.8223, 61.4749
YIQ	173.4990, -38.3740, -9.3980

Conversions

Conversions Part 2

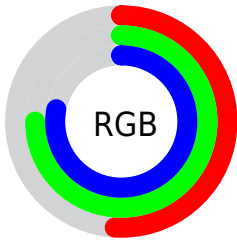
Format	Color
RYB	131, 163, 200
Decimal	8634056
CIELab	73.43, -16.49, -11.11
CIELCh	73, 19.885, 213.972
Yxy	45.8223, 0.2625, 0.3149
Android (android.graphics.Color)	4286824136 (0xFF83BEC8)
YUV	173.4990, 13.0650, -37.2716
Hunter-Lab	67.6922, -17.7334, -6.4599

Details

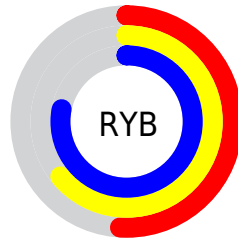
The YUV color **173.4990, 13.0650, -37.2716** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **157.5010, -13.0650, 37.2716**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.0860, 12.7756, -37.7864**, and **120.3850, 12.6282, -37.1716** is the 20% darker color. If you saturate the color by 10%, you get **165.7580, 16.8813, -48.0228**, and if you desaturate by 10%, it is **181.2400, 9.2487, -26.5205**.

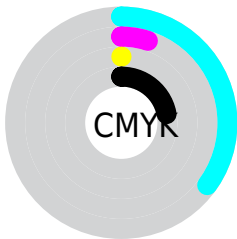
Distribution



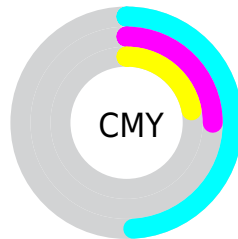
- Red (51%)
- Green (75%)
- Blue (78%)



- Red (51%)
- Yellow (64%)
- Blue (78%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (49%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.4990, 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 173.4990, 13.0650, -37.2716 by changing the saturation by 10% instead.

■ 173.4990, 13.0650,
-37.2716

■ 173.4990, 13.0650,
-37.2716

255.0000, 0.0000,
0.0000

■ 146.4990, 13.0650,
-37.2716

■ 229.0860, 12.7756,
-37.7864

■ 120.3850, 12.6282,
-37.1716

■ 243.0400, 5.8963,
-24.5911

■ 94.0860, 12.7756,
-37.7864

■ 251.7110, 1.6215,
-6.7625

■ 68.2920, 13.6600,
-41.4751

■ 45.1890, 13.2178,
-39.6308

■ 29.6530, 9.5381,
-26.0057

■ 15.6330, 6.5899,

-13.7101

■ 0.0000, 0.0000,
0.0000

■ 173.4990, 13.0650,
-37.2716

■ 173.4990, 13.0650,
-37.2716

■ 165.7580, 16.8813,
-48.0228

■ 181.2400, 9.2487,
-26.5205

■ 158.0170, 20.6976,
-58.7739

■ 188.9810, 5.4324,
-15.7693

■ 150.2760, 24.5139,
-69.5251

■ 196.7220, 1.6161,
-5.0182

■ 142.5350, 28.3302,
-80.2762

■ 204.4630, -2.2003,
5.7329

■ 135.3810, 31.8572,
-91.5421

■ 211.6170, -5.7272,
16.9989

■ 127.6400, 35.6735,
-102.2933

■ 219.3580, -9.5435,
27.7500

■ 123.1770, 37.8737,
-108.0262

■ 222.3150,
-11.0013, 28.6647

■ 224.0760,
-11.8695, 27.1203

■ 225.8370,
-12.7376, 25.5760

Harmonies

Analogous

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



173.5290, 4.1762, -32.9129



173.4990, 13.0650, -37.2716



176.2100, 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.



173.4990, 13.0650, -37.2716



183.8420, 6.4869, 19.4326



179.4840, -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.



173.4990, 13.0650, -37.2716



157.5010, -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.



181.2020, -16.3686, 23.5018



173.4990, 13.0650, -37.2716



183.9050, -2.4182, 29.0243

Square

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



173.4990, 13.0650, -37.2716



182.6920, 13.9558, 3.7781



182.4400, -10.5699, 30.3091



177.1230, -13.3716, -4.4929

Rectangle

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



173.4990, 13.0650, -37.2716



178.3900, 18.5417, -20.5130



182.4400, -10.5699, 30.3091



180.1040, -17.7993, 15.6948

Sweetspot

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



173.4990, 13.0650, -37.2716



245.1770, 4.8427, -13.3102



172.5290, -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.



173.4990, 13.0650, -37.2716



214.8000, 19.8186, -56.8296



153.5410, 22.9043, -19.7685



95.7220, 1.6161, -5.0182



100.7620, 30.6833, -88.3683



22.3010, 6.7536, -19.5580

Inverse Universe

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



158.3570, 15.6000, 36.5209



191.6550, 23.8341, 55.5536



177.4590, -22.9043, 19.7685



93.6030, 2.1677, 4.7332



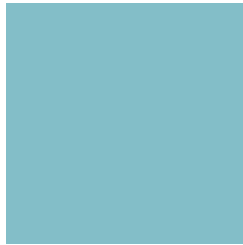
64.6970, 37.1244, 86.2117



14.2980, 8.2341, 19.0327

Previews

White Background



This preview shows how the YUV color 173.4990, 13.0650, -37.2716 looks on a white background.

Color Contrast Check

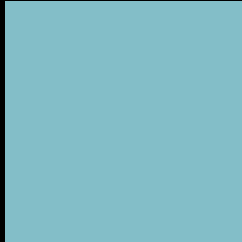
Large Text (above 18pt) WCAG AA × Fail

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 173.4990, 13.0650, -37.2716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

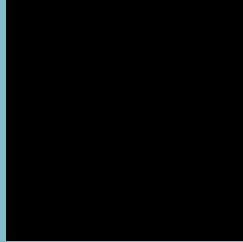
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.4990, 13.0650, -37.2716

Background



This preview shows how black text looks on a background with the YUV color 173.4990, 13.0650, -37.2716.



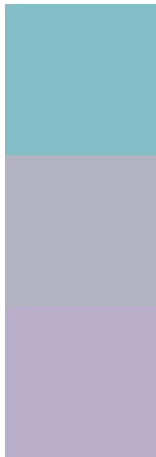
This preview shows how white text looks on a background with the YUV color 173.4990, 13.0650, -37.2716.

-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

173.4990, 13.0650, -37.2716

Protanopia

180.5960, 6.1152, -1.3997

Deuteranopia

181.4810, 10.6089, 3.9632



Tritanopia

173.6670, 14.9542, -36.5420

Trichromacy



Original Color

173.4990, 13.0650, -37.2716

Protanomaly

178.2030, 8.7739, -14.2100

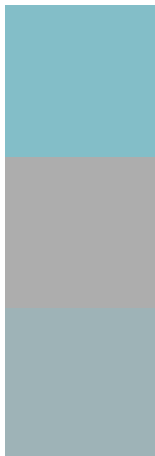
Deuteranomaly

178.3220, 11.6733, -10.8064

Tritanomaly

173.5530, 14.5174, -36.4420

Monochromacy



Original Color

173.4990, 13.0650, -37.2716

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.1770, 4.8427, -13.3102

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.4990, 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(131, 190, 200)` looks like.

```
.text, #text, p{  
    color:rgb(131, 190, 200)  
}
```

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(131, 190, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 190, 200) }
```

Border

The CSS property to change the border of an element to YUV 173.4990, 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(131, 190, 200) }
```


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

```
.border{ border-color:rgb(131, 190, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 190, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 190, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 190, 200);  
box-shadow:4px 4px 4px 4px rgb(131, 190,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 173.4990, 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(131, 190, 200) }
```

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

```
.background{ background-color: rgb(131,  
190, 200) }
```

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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