

Converting Colors

YUV(172.3360, 13.6384,
-34.4977)

Have a look what the booklet for
YUV(172.3360, 13.6384, -34.4977)
contains.

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Color

**YUV(172.3360, 13.6384,
-34.4977)**

Conversions

Conversions Part 1

Format	Color
Hex	85BBC8
RGB	133, 187, 200
RGB Percent	52%, 73%, 78%
CMY	0.4784, 0.2667, 0.2157
CMYK	0.33, 0.07, 0.00, 0.22
HSL	192°, 38%, 65%
HSV	192°, 34%, 78%
XYZ	37.8685, 44.6973, 61.2751
YIQ	172.3360, -36.3570, -7.4050

Conversions

Conversions Part 2

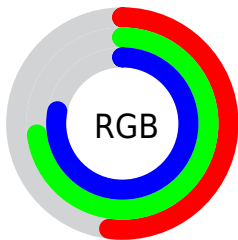
Format	Color
RYB	133, 163, 200
Decimal	8764360
CIELab	72.69, -14.38, -12.20
CIELCh	73, 18.858, 220.328
Yxy	44.6973, 0.2633, 0.3107
Android (android.graphics.Color)	4286954440 (0xFF85BBC8)
YUV	172.3360, 13.6384, -34.4977
Hunter-Lab	66.8561, -15.8924, -7.5414

Details

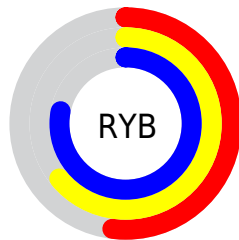
The YUV color $172.3360, 13.6384, -34.4977$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $160.6640, -13.6384, 34.4977$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.9230, 13.3490, -35.0125$, and $119.2220, 13.2016, -34.3977$ is the 20% darker color. If you saturate the color by 10%, you get $164.0080, 17.7441, -44.7340$, and if you desaturate by 10%, it is $180.6640, 9.5326, -24.2613$.

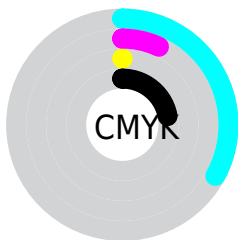
Distribution



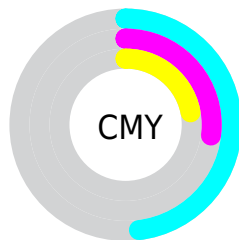
- Red (52%)
- Green (73%)
- Blue (78%)



- Red (52%)
- Yellow (64%)
- Blue (78%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (48%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.3360, 13.6384, -34.4977 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 172.3360, 13.6384, -34.4977 by changing the saturation by 10% instead.

■ 172.3360, 13.6384,
-34.4977

■ 172.3360, 13.6384,
-34.4977

■ 255.0000, 0.0000,
0.0000

■ 145.3360, 13.6384,
-34.4977

■ 227.9230, 13.3490,
-35.0125

■ 119.2220, 13.2016,
-34.3977

■ 243.6380, 5.6015,
-23.3615

■ 93.2220, 13.2016,
-34.3977

■ 252.3090, 1.3267,
-5.5330

■ 68.0260, 13.7912,
-36.8568

■ 44.0150, 13.7966,
-38.6012

■ 28.4790, 10.1169,
-24.9761

■ 13.8720, 7.4581,

-12.1657

■ 0.0000, 0.0000,
0.0000

■ 172.3360, 13.6384,
-34.4977

■ 172.3360, 13.6384,
-34.4977

■ 164.0080, 17.7441,
-44.7340

■ 180.6640, 9.5326,
-24.2613

■ 155.6800, 21.8498,
-54.9704

■ 188.9920, 5.4269,
-14.0250

■ 147.3520, 25.9555,
-65.2067

■ 197.3200, 1.3212,
-3.7886

■ 139.0240, 30.0612,
-75.4430

■ 205.6480, -2.7845,
6.4477

■ 131.2830, 33.8775,
-86.1942

■ 213.3890, -6.6008,
17.1988

■ 122.9550, 37.9832,
-96.4305

■ 221.7170,
-10.7065, 27.4352

■ 117.3070, 40.7676,
-102.8782

■ 224.6630,
-12.1589, 26.6055

■ 227.0110,
-13.3164, 24.5464

■ 229.3590,
-14.4740, 22.4872

Harmonies

Analogous

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



171.3980, 6.2128, -32.7980



172.3360, 13.6384, -34.4977



174.7160, 17.3950, -26.0609

Triad

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



172.3360, 13.6384, -34.4977



181.8700, 4.0081, 21.1620



177.1030, -16.3198, 7.8027

Complementary

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



172.3360, 13.6384, -34.4977



160.6640, -13.6384, 34.4977

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.



178.5930, -16.0683, 20.5279



172.3360, 13.6384, -34.4977



181.1500, -4.0180, 28.8094

Square

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



172.3360, 13.6384, -34.4977



180.8450, 11.9084, 7.1519



180.4890, -11.5801, 27.6351



174.9700, -11.3242, -7.8667

Rectangle

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



172.3360, 13.6384, -34.4977



177.3690, 17.0731, -16.1096



180.4890, -11.5801, 27.6351



177.7230, -16.6254, 12.5209

Sweetspot

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



172.3360, 13.6384, -34.4977



244.5900, 5.1321, -12.7954



173.6970, -14.1476, -35.6913



121.4550, 3.2267, -8.2920



0.0000, 0.0000, 0.0000



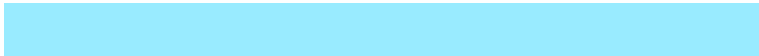
128.0000, 0.0000, 0.0000

Same Dimension

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



172.3360, 13.6384, -34.4977



212.7620, 20.8233, -52.4113



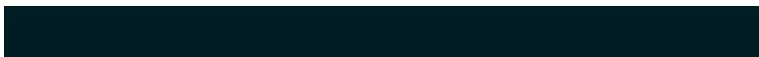
152.9650, 23.1883, -17.5093



95.7220, 1.6161, -5.0182



96.0660, 32.9985, -84.2499



21.1270, 7.3324, -18.5284

Inverse Universe

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



159.1890, 13.7108, 35.7912



192.8460, 20.7819, 54.5091



180.0350, -23.1883, 17.5093



93.6030, 2.1677, 4.7332



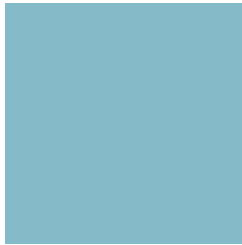
63.7850, 33.6300, 87.0116



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 172.3360, 13.6384, -34.4977 looks on a white background.

Color Contrast Check

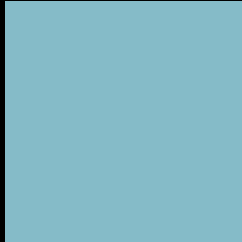
Large Text (above 18pt) WCAG AA × Fail

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 172.3360, 13.6384, -34.4977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

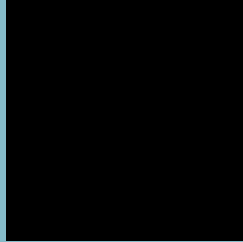
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.3360, 13.6384, -34.4977

Background



This preview shows how black text looks on a background with the YUV color 172.3360, 13.6384, -34.4977.



This preview shows how white text looks on a background with the YUV color 172.3360, 13.6384, -34.4977.

-34.4977.

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

172.3360, 13.6384, -34.4977

Protanopia

178.5250, 7.1362, -2.2144

Deuteranopia

179.4100, 11.6299, 3.1484



Tritanopia

172.5640, 14.5119, -34.6976

Trichromacy



Original Color

172.3360, 13.6384, -34.4977

Protanomaly

176.4310, 9.6475, -14.4100

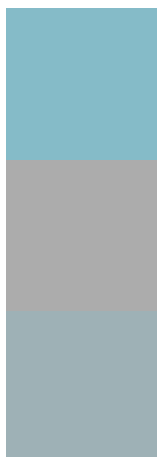
Deuteranomaly

176.8490, 12.3994, -10.3916

Tritanomaly

172.4500, 14.0752, -34.5976

Monochromacy



Original Color

172.3360, 13.6384, -34.4977

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8890, 4.9847, -12.1807

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.3360, 13.6384, -34.4977 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(133, 187, 200)` looks like.

```
.text, #text, p{  
    color:rgb(133, 187, 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(133, 187, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 187, 200) }
```

Border

The CSS property to change the border of an element to YUV 172.3360, 13.6384, -34.4977 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(133, 187, 200) }
```


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

```
.border{ border-color:rgb(133, 187, 200) }
```

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

Here you see how a box with a 4 pixel rgb(133, 187, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 187, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 187, 200);  
box-shadow:4px 4px 4px 4px rgb(133, 187,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 172.3360, 13.6384, -34.4977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 187, 200) }
```

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

```
.background{ background-color: rgb(133,  
187, 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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