

Converting Colors

YUV(176.1290, 14.2334,
-38.7011)

Have a look what the booklet for
YUV(176.1290, 14.2334, -38.7011)
contains.

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Color

**YUV(176.1290, 14.2334,
-38.7011)**

Conversions

Conversions Part 1

Format	Color
Hex	84C1CD
RGB	132, 193, 205
RGB Percent	52%, 76%, 80%
CMY	0.4824, 0.2431, 0.1961
CMYK	0.36, 0.06, 0.00, 0.20
HSL	190°, 42%, 66%
HSV	190°, 36%, 80%
XYZ	39.6051, 47.4532, 64.8296
YIQ	176.1290, -40.2080, -9.2000

Conversions

Conversions Part 2

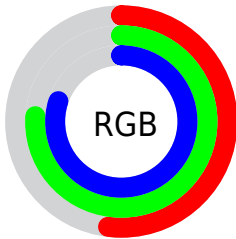
Format	Color
RYB	132, 165, 205
Decimal	8700365
CIELab	74.48, -16.54, -12.26
CIELCh	74, 20.584, 216.545
Yxy	47.4532, 0.2608, 0.3124
Android (android.graphics.Color)	4286890445 (0xFF84C1CD)
YUV	176.1290, 14.2334, -38.7011
Hunter-Lab	68.8863, -17.9252, -7.5780

Details

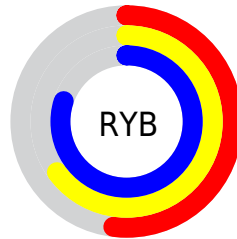
The YUV color **176.1290, 14.2334, -38.7011** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **160.8710, -14.2334, 38.7011**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.7330, 11.4706, -39.2308**, and **122.1290, 14.2334, -38.7011** is the 20% darker color. If you saturate the color by 10%, you get **168.3880, 18.0497, -49.4523**, and if you desaturate by 10%, it is **184.1690, 10.2697, -27.3352**.

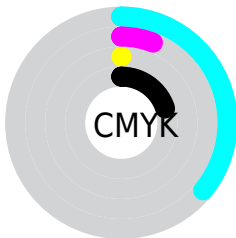
Distribution



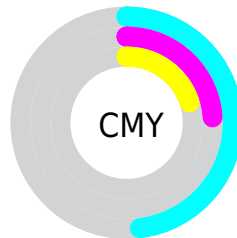
- Red (52%)
- Green (76%)
- Blue (80%)



- Red (52%)
- Yellow (65%)
- Blue (80%)



- Cyan (36%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (48%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.1290, 14.2334, -38.7011 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 176.1290, 14.2334, -38.7011 by changing the saturation by 10% instead.

■ 176.1290, 14.2334,
-38.7011

■ 176.1290, 14.2334,
-38.7011

255.0000, 0.0000,
0.0000

■ 149.1290, 14.2334,
-38.7011

■ 231.7330, 11.4706,
-39.2308

■ 122.1290, 14.2334,
-38.7011

■ 243.3390, 5.7489,
-23.9763

■ 96.4170, 14.0914,
-39.8307

■ 252.0100, 1.4741,
-6.1478

■ 69.6230, 14.9759,
-43.5194

■ 47.4060, 14.0968,
-41.5751

■ 31.2830, 10.7065,
-27.4352

■ 17.7360, 7.0322,

-15.5545

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 176.1290, 14.2334,
-38.7011

■ 176.1290, 14.2334,
-38.7011

■ 168.3880, 18.0497,
-49.4523

■ 184.1690, 10.2697,
-27.3352

■ 159.7610, 22.3028,
-60.3034

■ 192.4970, 6.1640,
-17.0989

■ 151.7210, 26.2665,
-71.6693

■ 200.5370, 2.2003,
-5.7329

■ 143.9800, 30.0829,
-82.4205

■ 208.2780, -1.6161,
5.0182

■ 135.6520, 34.1886,
-92.6568

■ 216.9050, -5.8692,
15.8693

■ 127.6120, 38.1523,
-104.0227

■ 224.6460, -9.6855,
26.6205

■ 123.7470, 40.0577,
-108.5261

■ 226.9940,
-10.8430, 24.5613

■ 228.7550,
-11.7112, 23.0169

■ 230.5160,
-12.5794, 21.4725

Harmonies

Analogous

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



175.8600, 5.4920, -34.9572



176.1290, 14.2334, -38.7011



178.7370, 18.8637, -30.4643

Triad

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



176.1290, 14.2334, -38.7011



186.7390, 6.0447, 21.2769



182.0710, -17.7830, 10.4617

Complementary

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



176.1290, 14.2334, -38.7011



160.8710, -14.2334, 38.7011

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.



183.9740, -17.2422, 23.7018



176.1290, 14.2334, -38.7011



186.6880, -3.2972, 30.9686

Square

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



176.1290, 14.2334, -38.7011



185.7030, 13.9504, 5.5225



185.5110, -11.5909, 31.1239



179.6990, -13.6556, -6.7520

Rectangle

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



176.1290, 14.2334, -38.7011



181.9170, 19.2679, -20.0982



185.5110, -11.5909, 31.1239



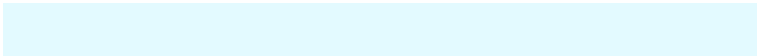
182.6910, -18.0887, 15.1800

Sweetspot

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



176.1290, 14.2334, -38.7011



243.6930, 5.5744, -14.6398



176.1050, -16.3208, -38.6801



121.1560, 3.3741, -8.9068



0.0000, 0.0000, 0.0000



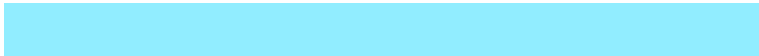
128.0000, 0.0000, 0.0000

Same Dimension

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



176.1290, 14.2334, -38.7011



211.5440, 21.4238, -58.3591



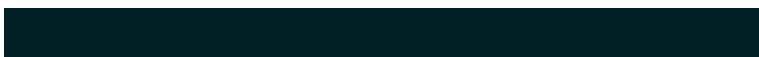
155.5840, 24.3621, -20.6832



97.8360, 2.0529, -5.1182



100.5170, 32.2831, -88.1534



23.1160, 7.3378, -20.2727

Inverse Universe

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



160.7810, 15.8840, 38.7801



188.3780, 23.9706, 58.4275



181.4160, -24.3621, 20.6832



95.9020, 2.0203, 5.3479



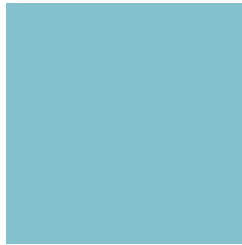
65.4800, 36.2454, 88.1560



15.0100, 8.3761, 20.1622

Previews

White Background



This preview shows how the YUV color 176.1290, 14.2334, -38.7011 looks on a white background.

Color Contrast Check

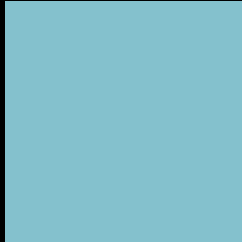
Large Text (above 18pt) WCAG AA × Fail

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 176.1290, 14.2334, -38.7011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

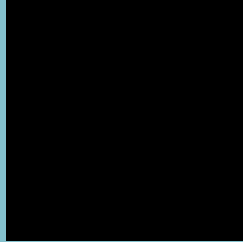
Any Text WCAG AA ✓ Pass

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 176.1290, 14.2334, -38.7011 Background



This preview shows how black text looks on a background with the YUV color 176.1290, 14.2334, -38.7011.



This preview shows how white text looks on a background with the YUV color 176.1290, 14.2334, -38.7011.

-38.7011.

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

176.1290, 14.2334, -38.7011

Protanopia

182.9380, 7.4256, -1.6996

Deuteranopia

184.4100, 11.6299, 3.1484



Tritanopia

176.7700, 15.3964, -38.3863

Trichromacy



Original Color

176.1290, 14.2334, -38.7011

Protanomaly

180.2460, 10.2317, -15.1247

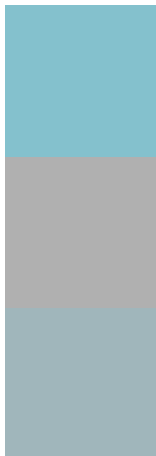
Deuteranomaly

181.2510, 12.6943, -11.6211

Tritanomaly

176.6560, 14.9596, -38.2863

Monochromacy



Original Color

176.1290, 14.2334, -38.7011

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.9920, 5.4269, -14.0250

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.1290, 14.2334, -38.7011 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(132, 193, 205)` looks like.

```
.text, #text, p{  
    color:rgb(132, 193, 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(132, 193, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 193, 205) }
```

Border

The CSS property to change the border of an element to YUV 176.1290, 14.2334, -38.7011 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(132, 193, 205) }
```


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

```
.border{ border-color:rgb(132, 193, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 193, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 193, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 193, 205);  
box-shadow:4px 4px 4px 4px rgb(132, 193,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 176.1290, 14.2334, -38.7011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 193, 205) }
```

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

```
.background{ background-color: rgb(132,  
193, 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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