

Converting Colors

YUV(178.3730, -22.8619,
-40.6691)

Have a look what the booklet for
YUV(178.3730, -22.8619, -40.6691)
contains.

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Color

**YUV(178.3730, -22.8619,
-40.6691)**

Conversions

Conversions Part 1

Format	Color
Hex	84D384
RGB	132, 211, 132
RGB Percent	52%, 83%, 52%
CMY	0.4824, 0.1725, 0.4824
CMYK	0.37, 0.00, 0.37, 0.17
HSL	120°, 47%, 67%
HSV	120°, 37%, 83%
XYZ	36.9748, 53.1600, 30.1419
YIQ	178.3730, -21.7250, -41.3170

Conversions

Conversions Part 2

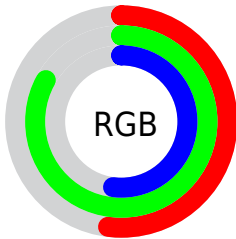
Format	Color
RYB	132, 211, 211
Decimal	8704900
CIELab	77.97, -40.04, 31.67
CIElCh	78, 51.051, 141.658
Yxy	53.1600, 0.3074, 0.4420
Android (android.graphics.Color)	4286894980 (0xFF84D384)
YUV	178.3730, -22.8619, -40.6691
Hunter-Lab	72.9109, -37.0725, 26.5267

Details

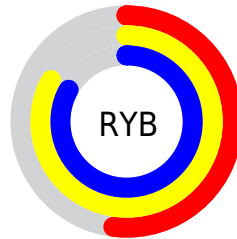
The YUV color **178.3730, -22.8619, -40.6691** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **164.6270, 22.8619, 40.6691**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.1010, -20.2628, -34.2916**, and **124.1280, -21.2621, -40.4543** is the 20% darker color. If you saturate the color by 10%, you get **169.7000, -28.9391, -51.4799**, and if you desaturate by 10%, it is **187.0460, -16.7847, -29.8583**.

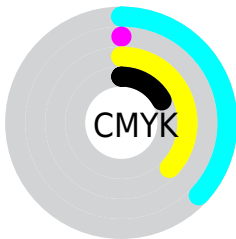
Distribution



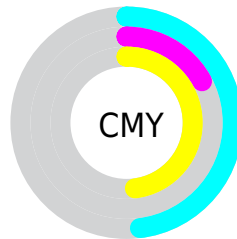
- Red (52%)
- Green (83%)
- Blue (52%)



- Red (52%)
- Yellow (83%)
- Blue (83%)



- Cyan (37%)
- Magenta (0%)
- Yellow (37%)
- Black (17%)



- Cyan (48%)
- Magenta (17%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.3730, -22.8619, -40.6691 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 178.3730, -22.8619, -40.6691 by changing the saturation by 10% instead.

■ 178.3730,
-22.8619, -40.6691

■ 178.3730,
-22.8619, -40.6691

255.0000, 0.0000,
0.0000

■ 150.9000,
-22.1357, -40.2543

■ 227.1010,
-20.2628, -34.2916

■ 124.1280,
-21.2621, -40.4543

■ 238.6650,
-12.1598, -19.8772

■ 97.1710, -19.8043,
-41.3690

■ 250.8270, -4.3517,
-4.2333

■ 70.0070, -17.7515,
-46.4871

■ 47.3990, -18.9307,
-41.5689

■ 32.2850, -15.9165,
-28.3139

■ 20.5450, -10.1287,

-18.0180

■ 0.0000, 0.0000,
0.0000

■ 178.3730,
-22.8619, -40.6691

■ 178.3730,
-22.8619, -40.6691

■ 169.7000,
-28.9391, -51.4799

■ 187.0460,
-16.7847, -29.8583

■ 161.0270,
-35.0163, -62.2907

■ 195.7190,
-10.7075, -19.0476

■ 152.3540,
-41.0935, -73.1015

■ 204.3920, -4.6303,
-8.2368

■ 143.6810,
-47.1707, -83.9122

■ 213.0650, 1.4470,
2.5740

■ 135.0080,
-53.2479, -94.7230

■ 221.7380, 7.5242,
13.3848

■ 125.9220,
-59.6145, -106.0486

■ 229.1720, 12.7332,
22.6512

■ 123.8570,
-61.0615, -108.6226

Harmonies

Analogous

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



185.8270, -41.3267, 1.9057



178.3730, -22.8619, -40.6691



161.3220, 7.7293, -99.3834

Triad

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



178.3730, -22.8619, -40.6691



171.5640, 41.1339, -80.3016



186.0570, -12.8461, 60.4630

Complementary

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



178.3730, -22.8619, -40.6691



164.6270, 22.8619, 40.6691

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.



190.9420, 8.4096, 56.1789



178.3730, -22.8619, -40.6691



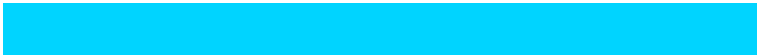
190.2890, 31.9025, -12.5315

Square

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



178.3730, -22.8619, -40.6691



153.5140, 50.0326, -134.6318



198.2180, 26.5145, 35.7658



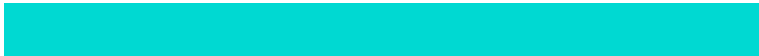
188.5410, -33.7907, 58.2845

Rectangle

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



178.3730, -22.8619, -40.6691



151.3190, 28.9297, -132.7068



198.2180, 26.5145, 35.7658



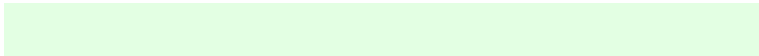
186.7070, -5.2786, 59.8930

Sweetspot

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



178.3730, -22.8619, -40.6691



243.4360, -8.1029, -14.4144



201.9940, -34.5070, 7.8983



120.9790, -4.9196, -8.7516



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.



178.3730, -22.8619, -40.6691



207.5050, -33.2800, -59.2019



182.8190, -5.8268, -44.5683



100.4570, -3.1833, -5.6628



98.6160, -48.6177, -86.4862



24.0670, -11.8650, -21.1068

Inverse Universe

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



164.6270, 22.8619, 40.6691



187.4950, 33.2800, 59.2019



160.0670, 5.3900, 44.6682



98.5430, 3.1833, 5.6628



69.3840, 48.6177, 86.4862



16.9330, 11.8650, 21.1068

Previews

White Background



This preview shows how the YUV color 178.3730, -22.8619, -40.6691 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 178.3730, -22.8619, -40.6691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

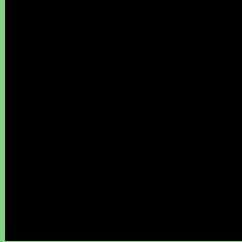
Any Text WCAG AA ✓ Pass

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 178.3730, -22.8619, -40.6691 Background



This preview shows how black text looks on a background with the YUV color 178.3730, -22.8619, -40.6691.



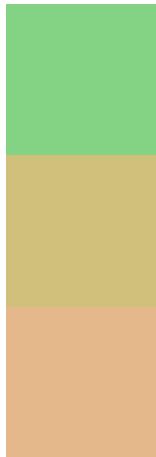
This preview shows how white text looks on a background with the YUV color 178.3730, -22.8619, -40.6691.

-40.6691.

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

178.3730, -22.8619, -40.6691

Protanopia

189.3310, -32.2082, 17.2497

Deuteranopia

191.9120, -26.5786, 31.6492



Tritanopia

186.9770, 14.8013, -34.1828

Trichromacy



Original Color

178.3730, -22.8619, -40.6691



Protanomaly

185.4100, -28.7961, -3.8676



Deuteranomaly

187.0890, -25.1869, 5.1839



Tritanomaly

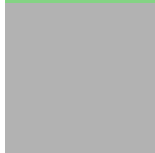
183.9970, 0.9875, -36.8314

Monochromacy



Original Color

178.3730, -22.8619, -40.6691



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.0230, -8.3923, -14.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.3730, -22.8619, -40.6691 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, 211, 132)` looks like.

```
.text, #text, p{  
    color:rgb(132, 211, 132)  
}
```

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, 211, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 211, 132) }
```

Border

The CSS property to change the border of an element to YUV 178.3730, -22.8619, -40.6691 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, 211, 132) }
```


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

```
.border{ border-color:rgb(132, 211, 132) }
```

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

Here you see how a box with a 4 pixel rgb(132, 211, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 211, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 211, 132);  
box-shadow:4px 4px 4px 4px rgb(132, 211,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 178.3730, -22.8619, -40.6691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 211, 132) }
```

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

```
.background{ background-color: rgb(132,  
211, 132) }
```

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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