

Converting Colors

YUV(178.4830, 37.7229,
-12.7016)

Have a look what the booklet for
YUV(178.4830, 37.7229, -12.7016)
contains.

YUV(178.4830, 37.7229, -12.7016)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(178.4830, 37.7229,
-12.7016)**

Conversions

Conversions Part 1

Format	Color
Hex	A4ABFF
RGB	164, 171, 255
RGB Percent	64%, 67%, 100%
CMY	0.3569, 0.3294, 0.0000
CMYK	0.36, 0.33, 0.00, 0.00
HSL	235°, 100%, 82%
HSV	235°, 36%, 100%
XYZ	47.9228, 44.2383, 100.6208
YIQ	178.4830, -31.1360, 24.6400

Conversions

Conversions Part 2

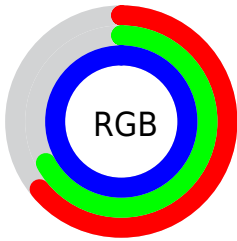
Format	Color
RYB	164, 171, 255
Decimal	10791935
CIELab	72.39, 16.98, -42.42
CIELCh	72, 45.687, 291.815
Yxy	44.2383, 0.2486, 0.2295
Android (android.graphics.Color)	4288982015 (0xFFA4ABFF)
YUV	178.4830, 37.7229, -12.7016
Hunter-Lab	66.5119, 12.2159, -43.1370

Details

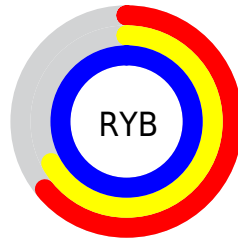
The YUV color **178.4830, 37.7229, -12.7016** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **240.5170, -37.7229, 12.7016**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.8110, 13.4042, -5.9732**, and **125.0160, 35.9811, -14.0460** is the 20% darker color. If you saturate the color by 10%, you get **156.9200, 48.3534, -15.7158**, and if you desaturate by 10%, it is **200.3450, 26.9449, -9.0726**.

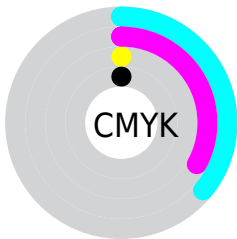
Distribution



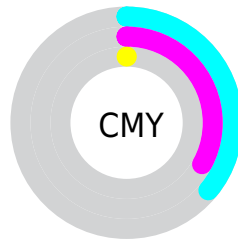
- Red (64%)
- Green (67%)
- Blue (100%)



- Red (64%)
- Yellow (67%)
- Blue (100%)



- Cyan (36%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.4830, 37.7229, -12.7016 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 178.4830, 37.7229, -12.7016 by changing the saturation by 10% instead.

■ 178.4830, 37.7229,
-12.7016

■ 178.4830, 37.7229,
-12.7016

255.0000, 0.0000,
0.0000

■ 151.5430, 36.7073,
-13.6312

■ 227.8110, 13.4042,
-5.9732

■ 125.0160, 35.9811,
-14.0460

■ 253.8040, 0.5896,
-2.4591

■ 98.7770, 35.1129,
-15.5904

■ 73.8260, 34.1028,
-18.2644

■ 48.0810, 33.9771,
-24.6270

■ 26.9240, 32.0825,
-23.6123

■ 9.5130, 28.8341,

-8.3429

■ 6.8910, 18.7877,
-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 178.4830, 37.7229,
-12.7016

■ 178.4830, 37.7229,
-12.7016

■ 156.9200, 48.3534,
-15.7158

■ 200.3450, 26.9449,
-9.0726

■ 135.6450, 58.8420,
-19.8597

■ 221.3210, 16.6037,
-5.5435

■ 114.0820, 69.4726,
-22.8739

■ 243.1830, 5.8258,
-1.9145

■ 92.8070, 79.9611,
-27.0177

■ 255.0000, 0.0000,
0.0000

■ 70.9450, 90.7391,
-30.6468

■ 49.9690, 101.0803,
-34.1758

■ 40.8100, 105.5957,
-35.7904

Harmonies

Analogous

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



163.0800, 45.3166, -68.4762



178.4830, 37.7229, -12.7016



182.6860, 23.3258, 31.8474

Triad

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



178.4830, 37.7229, -12.7016



177.4100, -31.7541, 58.3994



152.8510, 5.4965, -83.1843

Complementary

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



178.4830, 37.7229, -12.7016



240.5170, -37.7229, 12.7016

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.



165.0900, -20.2574, -36.0359



178.4830, 37.7229, -12.7016



175.0790, -39.9719, 34.1337

Square

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



178.4830, 37.7229, -12.7016



178.3460, -14.4676, 67.2256



170.9070, -35.9432, 1.8356



140.4110, 32.8284, -123.1404

Rectangle

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



178.4830, 37.7229, -12.7016



182.0170, 11.3306, 52.6051



170.9070, -35.9432, 1.8356



157.8550, -3.8725, -64.7708

Sweetspot

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



178.4830, 37.7229, -12.7016



231.3660, 11.6516, -3.8290



226.8790, 9.9197, -55.1449



113.5250, 7.1362, -2.2144



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.



178.4830, 37.7229, -12.7016



162.8230, 45.4433, -15.6308



185.7360, 34.1472, 14.2635



117.0690, 5.3890, -1.8145



30.5790, 79.0876, -26.8178



10.2310, 26.5081, -8.9726

Inverse Universe

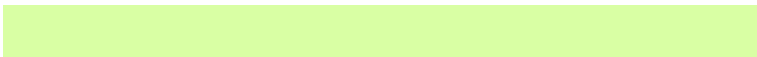
The Inverse Universe completely reimagines the original color for something new.



192.0070, -10.3565, 55.2449



178.9160, -12.2836, 66.7257



233.2640, -34.1472, -14.2635



119.0010, -1.4795, 7.8921



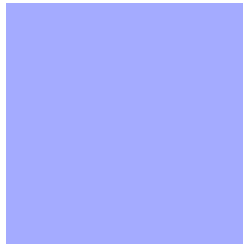
58.8190, -21.6028, 115.9227



19.7060, -7.2501, 38.8458

Previews

White Background



This preview shows how the YUV color 178.4830, 37.7229, -12.7016 looks on a white background.

Color Contrast Check

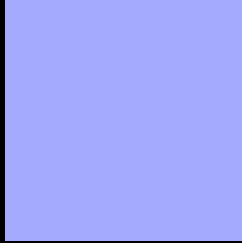
Large Text (above 18pt) WCAG AA × Fail

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 178.4830, 37.7229, -12.7016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

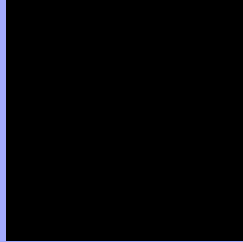
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.4830, 37.7229, -12.7016

Background



This preview shows how black text looks on a background with the YUV color 178.4830, 37.7229, -12.7016.



This preview shows how white text looks on a background with the YUV color 178.4830, 37.7229, -12.7016.

-12.7016.

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

178.4830, 37.7229, -12.7016

Protanopia

176.9440, 38.4816, -22.7529

Deuteranopia

176.5200, 38.1976, -25.0120



Tritanopia

174.4410, 11.1216, -20.5578

Trichromacy



Original Color

178.4830, 37.7229, -12.7016

Protanomaly

177.8520, 38.0340, -19.1642

Deuteranomaly

177.1400, 37.8920, -20.2938

Tritanomaly

175.9820, 20.7149, -17.5242

Monochromacy



Original Color

178.4830, 37.7229, -12.7016

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.9360, 13.8356, -4.3289

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.4830, 37.7229, -12.7016 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(164, 171, 255)` looks like.

```
.text, #text, p{  
    color:rgb(164, 171, 255)  
}
```

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(164, 171, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 171, 255) }
```

Border

The CSS property to change the border of an element to YUV 178.4830, 37.7229, -12.7016 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(164, 171, 255) }
```


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

```
.border{ border-color:rgb(164, 171, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 171, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 171, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 171, 255);  
box-shadow:4px 4px 4px 4px rgb(164, 171,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 178.4830, 37.7229, -12.7016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 171, 255) }
```

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

```
.background{ background-color: rgb(164,  
171, 255) }
```

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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