

Converting Colors

YUV(110.3230, 33.8578,
13.7487)

Have a look what the booklet for
YUV(110.3230, 33.8578, 13.7487)
contains.

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Color

**YUV(110.3230, 33.8578,
13.7487)**

Conversions

Conversions Part 1

Format	Color
Hex	7E59B3
RGB	126, 89, 179
RGB Percent	49%, 35%, 70%
CMY	0.5059, 0.6510, 0.2980
CMYK	0.30, 0.50, 0.00, 0.30
HSL	265°, 37%, 53%
HSV	265°, 50%, 70%
XYZ	20.3132, 14.8351, 44.4407
YIQ	110.3230, -6.8380, 35.8340

Conversions

Conversions Part 2

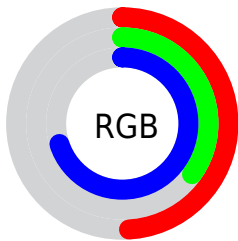
Format	Color
RYB	126, 89, 179
Decimal	8280499
CIELab	45.41, 34.25, -42.48
CIELCh	45, 54.569, 308.880
Yxy	14.8351, 0.2552, 0.1864
Android (android.graphics.Color)	4286470579 (0xFF7E59B3)
YUV	110.3230, 33.8578, 13.7487
Hunter-Lab	38.5163, 26.7362, -41.4482

Details

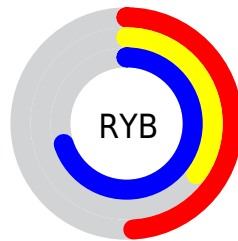
The YUV color **110.3230, 33.8578, 13.7487** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **157.6770, -33.8578, -13.7487**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.0890, 35.4521, 15.7079**, and **60.8450, 32.1214, 10.6599** is the 20% darker color. If you saturate the color by 10%, you get **96.4680, 40.6883, 16.2526**, and if you desaturate by 10%, it is **124.1780, 27.0272, 11.2449**.

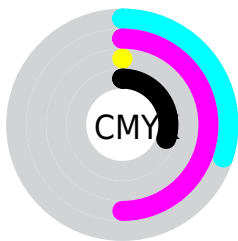
Distribution



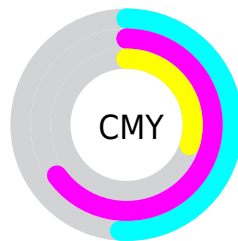
- Red (49%)
- Green (35%)
- Blue (70%)



- Red (49%)
- Yellow (35%)
- Blue (70%)



- Cyan (30%)
- Magenta (50%)
- Yellow (0%)
- Black (30%)



- Cyan (51%)
- Magenta (65%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.3230, 33.8578, 13.7487 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 110.3230, 33.8578, 13.7487 by changing the saturation by 10% instead.

■ 110.3230, 33.8578,
13.7487

■ 110.3230, 33.8578,
13.7487

■ 255.0000, 0.0000,
0.0000

■ 85.0840, 32.9896,
12.2043

■ 163.0890, 35.4521,
15.7079

■ 60.8450, 32.1214,
10.6599

■ 189.5900, 32.2471,
17.0226

■ 36.6060, 31.2532,
9.1155

■ 214.1100, 20.1588,
20.9515

■ 14.6440, 30.2485,
4.6972

■ 235.6290, 9.5499,
16.9884

■ 5.9280, 22.7135,
-5.1989

■ 252.6520, 1.1576,
2.0592

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,

0.0000

■ 110.3230, 33.8578,
13.7487

■ 110.3230, 33.8578,
13.7487

■ 96.4680, 40.6883,
16.2526

■ 124.1780, 27.0272,
11.2449

■ 82.9120, 47.3714,
19.3712

■ 137.7340, 20.3441,
8.1263

■ 69.0570, 54.2019,
21.8750

■ 151.5890, 13.5136,
5.6224

■ 55.5010, 60.8850,
24.9936

■ 165.1450, 6.8305,
2.5038

■ 42.5320, 67.2787,
27.5974

■ 179.0000, 0.0000,
0.0000

■ 191.9690, -6.3937,
-2.6038

■ 205.8240,
-13.2242, -5.1076

■ 219.3800,
-19.9073, -8.2263

■ 233.2350,
-26.7379, -10.7301

Harmonies

Analogous

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



85.9680, 55.2318, -75.3939



110.3230, 33.8578, 13.7487



107.4180, 16.5559, 56.6384

Triad

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



110.3230, 33.8578, 13.7487



102.1900, -44.9567, 46.3144



89.4030, 15.0843, -78.4064

Complementary

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



110.3230, 33.8578, 13.7487



157.6770, -33.8578, -13.7487

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.



82.2840, -4.5770, -72.1631



110.3230, 33.8578, 13.7487



99.5530, -49.0796, 15.3010

Square

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



110.3230, 33.8578, 13.7487



102.8980, -25.0927, 68.4955



94.2520, -32.6622, -23.9000



93.2450, 34.8822, -81.7759

Rectangle

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



110.3230, 33.8578, 13.7487



103.4880, 3.7034, 72.3630



94.2520, -32.6622, -23.9000



86.9920, 8.3849, -76.2920

Sweetspot

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



110.3230, 33.8578, 13.7487



205.4750, 13.0768, 5.7224



130.9580, 23.6847, -36.7972



101.0850, 7.8461, 3.4335



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



110.3230, 33.8578, 13.7487



125.8890, 52.3127, 21.1453



123.4790, 27.3719, 40.7989



82.2220, 3.3416, 1.5593



36.2790, 57.5435, 23.4343



5.9540, 9.8827, 3.5483

Inverse Universe

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



121.9520, 9.8837, 50.0311



143.9090, 15.3279, 77.2558



144.5210, -27.3719, -40.7989



83.3750, 1.2941, 4.9331



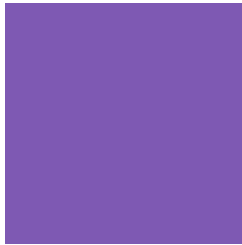
56.0070, 16.7585, 85.0629



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 110.3230, 33.8578, 13.7487 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 110.3230, 33.8578, 13.7487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

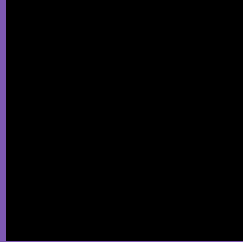
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 110.3230, 33.8578, 13.7487

Background



This preview shows how black text looks on a background with the YUV color 110.3230, 33.8578, 13.7487.



This preview shows how white text looks on a background with the YUV color 110.3230, 33.8578, 13.7487.

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

110.3230, 33.8578, 13.7487

Protanopia

102.8870, 44.9187, -34.1039

Deuteranopia

103.0800, 35.4566, -32.5192



Tritanopia

108.3040, 2.3151, 4.1184

Trichromacy



Original Color

110.3230, 33.8578, 13.7487

Protanomaly

105.6720, 41.0807, -16.3753

Deuteranomaly

105.6630, 34.6761, -15.4905

Tritanomaly

109.0130, 13.7976, 7.8816

Monochromacy



Original Color

110.3230, 33.8578, 13.7487

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9480, 12.3506, 5.3076

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.3230, 33.8578, 13.7487 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(126, 89, 179)` looks like.

```
.text, #text, p{  
    color:rgb(126, 89, 179)  
}
```

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(126, 89, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 89, 179) }
```

Border

The CSS property to change the border of an element to YUV 110.3230, 33.8578, 13.7487 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(126, 89, 179) }
```


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

```
.border{ border-color:rgb(126, 89, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 89, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 89, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 89, 179);  
box-shadow:4px 4px 4px 4px rgb(126, 89,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 110.3230, 33.8578, 13.7487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 89, 179) }
```

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

```
.background{ background-color: rgb(126, 89,  
179) }
```

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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