

Converting Colors

YUV(38.8310, 56.7783,
-11.2528)

Have a look what the booklet for
YUV(38.8310, 56.7783, -11.2528)
contains.

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Color

**YUV(38.8310, 56.7783,
-11.2528)**

Conversions

Conversions Part 1

Format	Color
Hex	1A179A
RGB	26, 23, 154
RGB Percent	10%, 9%, 60%
CMY	0.8980, 0.9098, 0.3961
CMYK	0.83, 0.85, 0.00, 0.40
HSL	241°, 74%, 35%
HSV	241°, 85%, 60%
XYZ	6.5651, 3.1655, 30.8368
YIQ	38.8310, -40.2630, 41.3770

Conversions

Conversions Part 2

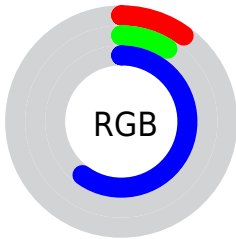
Format	Color
RYB	26, 23, 154
Decimal	1709978
CIELab	20.69, 46.98, -68.07
CIElCh	21, 82.713, 304.612
Yxy	3.1655, 0.1618, 0.0780
Android (android.graphics.Color)	4279900058 (0xFF1A179A)
YUV	38.8310, 56.7783, -11.2528
Hunter-Lab	17.7918, 34.7302, -90.3071

Details

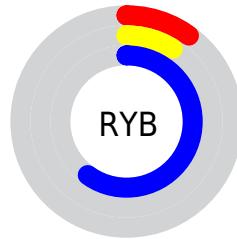
The YUV color **38.8310, 56.7783, -11.2528** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **138.1690, -56.7783, 11.2528**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.6200, 56.8823, 2.0873**, and **11.5140, 44.1166, -10.0978** is the 20% darker color. If you saturate the color by 10%, you get **25.5410, 63.3303, -12.7525**, and if you desaturate by 10%, it is **52.1210, 50.2263, -9.7531**.

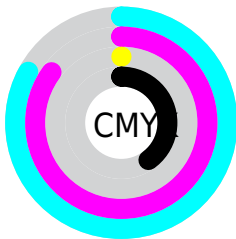
Distribution



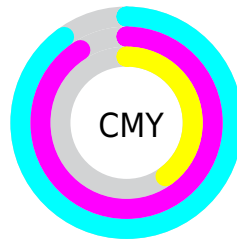
- Red (10%)
- Green (9%)
- Blue (60%)



- Red (10%)
- Yellow (9%)
- Blue (60%)



- Cyan (83%)
- Magenta (85%)
- Yellow (0%)
- Black (40%)



- Cyan (90%)
- Magenta (91%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.8310, 56.7783, -11.2528 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 38.8310, 56.7783, -11.2528 by changing the saturation by 10% instead.

■ 38.8310, 56.7783,
-11.2528

■ 38.8310, 56.7783,
-11.2528

■ 255.0000, 0.0000,
0.0000

■ 14.4780, 55.4733,
-12.6972

■ 94.6200, 56.8823,
2.0873

■ 11.5140, 44.1166,
-10.0978

■ 120.9840, 58.1819,
5.2760

■ 11.0120, 32.0391,
-9.6575

■ 147.0400, 53.2243,
8.7349

■ 8.8630, 21.2665,
-7.7729

■ 170.9730, 41.4253,
13.1787

■ 4.5940, 12.5252,
-4.0289

■ 195.7920, 29.1895,
17.7224

■ 0.1140, 0.4368,
-0.1000

■ 221.4970, 16.5170,

■ 0.0000, 0.0000,

22.3661

0.0000

240.3250, 7.2348,
12.8700

38.8310, 56.7783,
-11.2528

38.8310, 56.7783,
-11.2528

25.5410, 63.3303,
-12.7525

52.1210, 50.2263,
-9.7531

18.7520, 66.6773,
-12.9375

65.9980, 43.3850,
-8.7682

79.2880, 36.8330,
-7.2686

93.1650, 29.9917,
-6.2837

106.4550, 23.4397,
-4.7840

■ 119.7450, 16.8877,
-3.2844

■ 133.6220, 10.0464,
-2.2995

■ 146.9120, 3.4944,
-0.7998

■ 160.7890, -3.3470,
0.1850

Harmonies

Analogous

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



54.8110, 60.2392, -48.0692



38.8310, 56.7783, -11.2528



48.6330, 27.2959, 65.2199

Triad

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



38.8310, 56.7783, -11.2528



40.7650, -20.0971, 52.8261



47.1150, 5.3663, -41.3199

Complementary

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



38.8310, 56.7783, -11.2528



138.1690, -56.7783, 11.2528

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.



39.3290, -19.3892, -34.4915



38.8310, 56.7783, -11.2528



46.6700, -23.0083, 6.4284

Square

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



38.8310, 56.7783, -11.2528



40.0660, -19.7525, 82.3801



36.9810, -18.2316, -32.4323



54.7700, 32.1584, -48.0333

Rectangle

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



38.8310, 56.7783, -11.2528



49.7540, 7.0233, 80.8997



36.9810, -18.2316, -32.4323



44.7210, -3.8065, -39.2203

Sweetspot

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



38.8310, 56.7783, -11.2528



155.2270, 22.5661, -4.5841



113.6570, 19.8891, -79.5062



73.9470, 13.8301, -2.5845



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



38.8310, 56.7783, -11.2528



24.4090, 87.0594, -17.0217



58.2660, 47.1969, 28.7077



69.9120, 3.4944, -0.7998



16.8570, 60.7095, -12.1526



1.4820, 5.6784, -1.2997

Inverse Universe

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



76.7610, 36.5998, 67.7386



82.5570, 56.4204, 103.8745



118.7340, -47.1969, -28.7077



72.1900, 1.8783, 4.2184



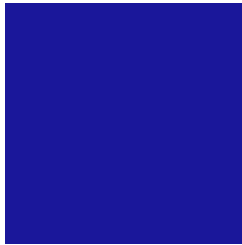
57.4780, 39.2043, 72.3718



5.2550, 3.3253, 6.7924

Previews

White Background



This preview shows how the YUV color 38.8310, 56.7783, -11.2528 looks on a white background.

Color Contrast Check

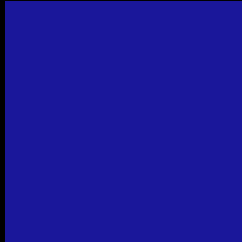
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 38.8310, 56.7783, -11.2528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

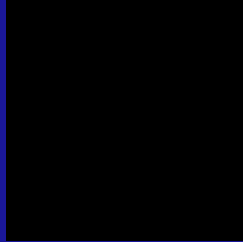
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.8310, 56.7783, -11.2528

Background



This preview shows how black text looks on a background with the YUV color 38.8310, 56.7783, -11.2528.



This preview shows how white text looks on a background with the YUV color 38.8310, 56.7783, -11.2528.

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

38.8310, 56.7783, -11.2528

Protanopia

40.5050, 30.8100, -35.5229

Deuteranopia

40.4420, 22.9531, -35.4676



Tritanopia

39.5980, 9.5652, -34.7274

Trichromacy



Original Color

38.8310, 56.7783, -11.2528

Protanomaly

40.0790, 40.3871, -27.2563

Deuteranomaly

39.4120, 35.2929, -26.6713

Tritanomaly

39.2350, 26.9991, -26.5161

Monochromacy



Original Color

38.8310, 56.7783, -11.2528

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.7710, 20.8189, -4.1842

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.8310, 56.7783, -11.2528 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(26, 23, 154)` looks like.

```
.text, #text, p{  
    color:rgb(26, 23, 154)  
}
```

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(26, 23, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 23, 154) }
```

Border

The CSS property to change the border of an element to YUV 38.8310, 56.7783, -11.2528 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(26, 23, 154) }
```


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

```
.border{ border-color:rgb(26, 23, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 23, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 23, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 23, 154);  
box-shadow:4px 4px 4px 4px rgb(26, 23,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 38.8310, 56.7783, -11.2528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 23, 154) }
```

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

```
.background{ background-color: rgb(26, 23,  
154) }
```

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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