

Converting Colors

YUV(36.1200, 1.4198, 11.2958)

Have a look what the booklet for
YUV(36.1200, 1.4198, 11.2958)
contains.

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Color

**YUV(36.1200, 1.4198,
11.2958)**

Conversions

Conversions Part 1

Format	Color
Hex	311D27
RGB	49, 29, 39
RGB Percent	19%, 11%, 15%
CMY	0.8078, 0.8863, 0.8471
CMYK	0.00, 0.41, 0.20, 0.81
HSL	330°, 26%, 15%
HSV	330°, 41%, 19%
XYZ	2.0722, 1.6782, 2.1342
YIQ	36.1200, 8.7100, 7.3500

Conversions

Conversions Part 2

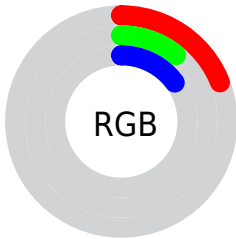
Format	Color
R_{YB}	49, 29, 39
Decimal	3218727
CIE _{Lab}	13.70, 11.67, -2.72
CIE _{LCh}	14, 11.981, 346.879
Yxy	1.6782, 0.3521, 0.2852
Android (android.graphics.Color)	4281408807 (0xFF311D27)
YUV	36.1200, 1.4198, 11.2958
Hunter-Lab	12.9545, 5.8826, -0.6995

Details

The YUV color **36.1200, 1.4198, 11.2958** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41.8800, -1.4198, -11.2958**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.1310, 1.4144, 13.0401**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.9570, 1.9932, 14.0697**, and if you desaturate by 10%, it is **39.2830, 0.8465, 8.5218**.

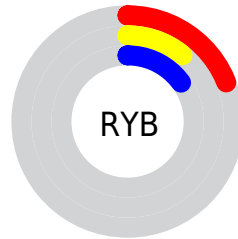
Distribution



Red (19%)

Green (11%)

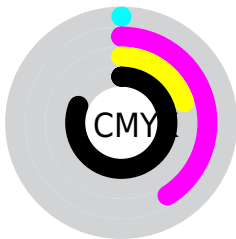
Blue (15%)



Red (19%)

Yellow (11%)

Blue (15%)

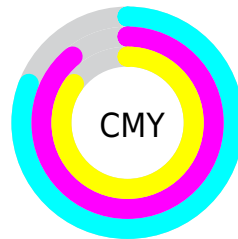


Cyan (0%)

Magenta (41%)

Yellow (20%)

Black (81%)



Cyan (81%)

Magenta (89%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.1200, 1.4198, 11.2958 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 36.1200, 1.4198, 11.2958 by changing the saturation by 10% instead.

■ 36.1200, 1.4198,
11.2958

■ 36.1200, 1.4198,
11.2958

■ 255.0000, 0.0000,
0.0000

■ 13.6580, 2.1406,
13.4549

■ 81.1310, 1.4144,
13.0401

■ 0.0000, 0.0000,
0.0000

■ 105.4300, 1.2670,
13.6549

■ 130.7290, 1.1196,
14.2697

■ 156.1420, 1.4090,
14.7845

■ 183.4410, 1.2616,
15.3992

■ 211.4410, 1.2616,

15.3992

238.8430, 1.5564,
14.1697

36.1200, 1.4198,
11.2958

36.1200, 1.4198,
11.2958

32.9570, 1.9932,
14.0697

39.2830, 0.8465,
8.5218

29.6800, 2.1298,
16.9436

42.5600, 0.7099,
5.6479

26.5170, 2.7031,
19.7176

45.7230, 0.1366,
2.8739

23.2400, 2.8397,
22.5915

49.0000, 0.0000,
0.0000

20.0770, 3.4130,
25.3655

52.1630, -0.5734,
-2.7740

■ 17.5010, 3.6970,
27.6246

■ 54.8530, -0.4205,
-5.1331

■ 58.0160, -0.9939,
-7.9070

■ 61.2930, -1.1304,
-10.7810

■ 64.4560, -1.7038,
-13.5549

Harmonies

Analogous

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



35.9990, 4.9305, 5.2629



36.1200, 1.4198, 11.2958



35.8060, -2.3694, 13.3251

Triad

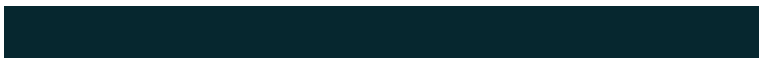
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.1200, 1.4198, 11.2958



34.0620, -7.4256, 1.6996



30.0450, 8.3588, -21.0875

Complementary

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



36.1200, 1.4198, 11.2958



41.8800, -1.4198, -11.2958

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.



29.5460, 5.1538, -19.7728



36.1200, 1.4198, 11.2958



32.7020, -4.7831, -5.8777

Square

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



36.1200, 1.4198, 11.2958



34.6930, -7.7366, 8.1622



31.2110, -0.1040, -13.3400



32.6160, 9.0633, -13.6952

Rectangle

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



36.1200, 1.4198, 11.2958



35.7090, -5.2795, 13.4102



31.2110, -0.1040, -13.3400



29.5180, 7.6326, -21.5023

Sweetspot

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



36.1200, 1.4198, 11.2958



58.8480, 0.5679, 4.5183



34.2700, 7.2619, 4.1482



30.4240, 0.2840, 2.2592



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



36.1200, 1.4198, 11.2958



43.9790, 1.9824, 17.5584



34.9800, -2.9481, 12.2955



24.0110, -0.0054, 1.7444



31.7410, 6.5367, 50.2161



77.1950, 15.1869, 122.6090

Inverse Universe

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



36.1200, 1.4198, 11.2958



43.9790, 1.9824, 17.5584



43.0200, 2.9481, -12.2955



24.0110, -0.0054, 1.7444



31.7410, 6.5367, 50.2161



77.1950, 15.1869, 122.6090

Previews

White Background



This preview shows how the YUV color 36.1200, 1.4198, 11.2958 looks on a white background.

Color Contrast Check

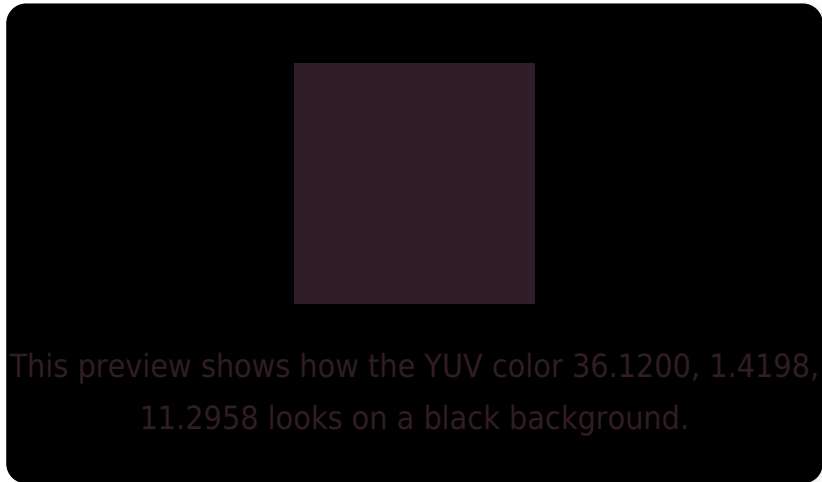
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

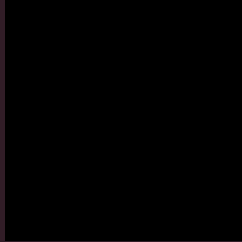
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.1200, 1.4198, 11.2958

Background



This preview shows how black text looks on a background with the YUV color 36.1200, 1.4198, 11.2958.



This preview shows how white text looks on a background with the YUV color 36.1200, 1.4198,

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

36.1200, 1.4198, 11.2958

Protanopia

35.6130, 3.6418, -1.4146

Deuteranopia

35.6520, 1.1576, 2.0592



Tritanopia

35.6100, -1.7797, 10.8660

Trichromacy



Original Color

36.1200, 1.4198, 11.2958

Protanomaly

35.8200, 3.0467, 2.7889

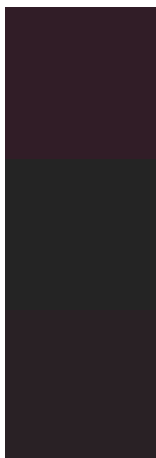
Deuteranomaly

35.6740, 1.1467, 5.5479

Tritanomaly

35.9520, -0.4693, 10.5661

Monochromacy



Original Color

36.1200, 1.4198, 11.2958

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.8480, 0.5679, 4.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.1200, 1.4198, 11.2958 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(49, 29, 39)` looks like.

```
.text, #text, p{  
    color:rgb(49, 29, 39)  
}
```

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(49, 29, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 29, 39) }
```

Border

The CSS property to change the border of an element to YUV 36.1200, 1.4198, 11.2958 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(49, 29, 39) }
```


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

```
.border{ border-color:rgb(49, 29, 39) }
```

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

Here you see how a box with a 4 pixel rgb(49, 29, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 29, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 29, 39);  
box-shadow:4px 4px 4px 4px rgb(49, 29, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.1200, 1.4198, 11.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 29, 39) }
```

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

```
.background{ background-color: rgb(49, 29,  
39) }
```

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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