

Converting Colors

YUV(36.3730, 11.1551, 15.4589)

Have a look what the booklet for
YUV(36.3730, 11.1551, 15.4589)
contains.

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Color

**YUV(36.3730, 11.1551,
15.4589)**

Conversions

Conversions Part 1

Format	Color
Hex	36173B
RGB	54, 23, 59
RGB Percent	21%, 9%, 23%
CMY	0.7882, 0.9098, 0.7686
CMYK	0.08, 0.61, 0.00, 0.77
HSL	292°, 44%, 16%
HSV	292°, 61%, 23%
XYZ	2.6171, 1.7128, 4.3303
YIQ	36.3730, 6.9200, 17.7680

Conversions

Conversions Part 2

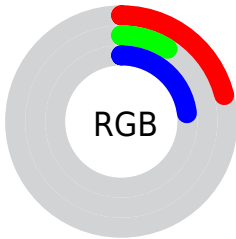
Format	Color
RYB	54, 23, 59
Decimal	3544891
CIELab	13.90, 22.10, -16.71
CIELCh	14, 27.707, 322.899
Yxy	1.7128, 0.3022, 0.1978
Android (android.graphics.Color)	4281734971 (0xFF36173B)
YUV	36.3730, 11.1551, 15.4589
Hunter-Lab	13.0875, 12.7918, -10.4564

Details

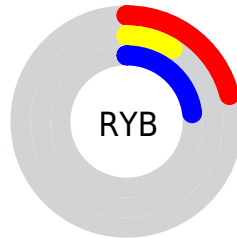
The YUV color **36.3730, 11.1551, 15.4589** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **45.6270, -11.1551, -15.4589**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.4980, 11.5865, 17.1033**, and **2.1830, 5.8258, -1.9145** is the 20% darker color. If you saturate the color by 10%, you get **32.5520, 13.0389, 17.9329**, and if you desaturate by 10%, it is **40.1940, 9.2714, 12.9849**.

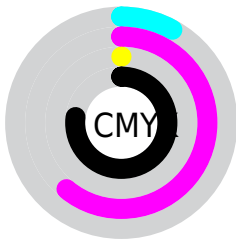
Distribution



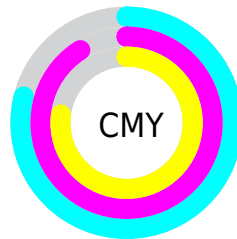
- Red (21%)
- Green (9%)
- Blue (23%)



- Red (21%)
- Yellow (9%)
- Blue (23%)



- Cyan (8%)
- Magenta (61%)
- Yellow (0%)
- Black (77%)



- Cyan (79%)
- Magenta (91%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.3730, 11.1551, 15.4589 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 36.3730, 11.1551, 15.4589 by changing the saturation by 10% instead.

■ 36.3730, 11.1551,
15.4589

■ 36.3730, 11.1551,
15.4589

■ 253.8260, 0.5788,
1.0296

■ 14.0850, 11.2971,
16.5885

■ 82.4980, 11.5865,
17.1033

■ 2.1830, 5.8258,
-1.9145

■ 107.0250, 12.3127,
17.5181

■ 0.0000, 0.0000,
0.0000

■ 132.1500, 12.7440,
19.1624

■ 158.5630, 13.0334,
19.6772

■ 185.9760, 13.3228,
20.1920

■ 213.3890, 13.6122,

20.7068

236.8030, 8.9711,
15.9588

36.3730, 11.1551,
15.4589

36.3730, 11.1551,
15.4589

32.5520, 13.0389,
17.9329

40.1940, 9.2714,
12.9849

28.7310, 14.9226,
20.4069

44.0150, 7.3876,
10.5108

25.2090, 16.6590,
23.4957

47.5370, 5.6513,
7.4221

21.9750, 18.2533,
25.4549

51.3580, 3.7675,
4.9480

55.1790, 1.8838,
2.4740

■ 58.4130, 0.2894,
0.5148

■ 62.2340, -1.5944,
-1.9592

■ 66.0550, -3.4781,
-4.4332

■ 69.5770, -5.2145,
-7.5220

Harmonies

Analogous

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



34.3530, 18.0670, -8.2026



36.3730, 11.1551, 15.4589



33.5120, 3.6916, 29.3690

Triad

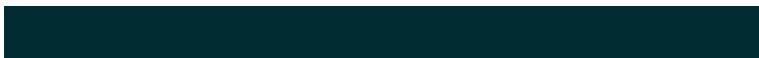
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.3730, 11.1551, 15.4589



34.0220, -16.7728, 13.1357



31.5280, 9.1067, -27.6501

Complementary

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



36.3730, 11.1551, 15.4589



45.6270, -11.1551, -15.4589

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.



29.2480, 0.3707, -25.6505



36.3730, 11.1551, 15.4589



32.4610, -16.0033, -0.4043

Square

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



36.3730, 11.1551, 15.4589



33.5120, -16.5214, 25.8610



26.7620, -9.2497, -19.9623



32.7650, 16.3849, -28.7349

Rectangle

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



36.3730, 11.1551, 15.4589



32.9270, -2.4290, 32.5130



26.7620, -9.2497, -19.9623



30.7300, 6.0491, -26.9502

Sweetspot

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



36.3730, 11.1551, 15.4589



68.1840, 4.3463, 5.9776



30.0390, 14.2778, -6.1732



33.0050, 2.4625, 3.5036



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



36.3730, 11.1551, 15.4589



41.7360, 17.3852, 23.9105



36.3860, 4.7397, 19.8325



28.9400, 1.0156, 0.9296



34.9350, 29.1190, 40.3990



82.4170, 68.8144, 95.2273

Inverse Universe

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



34.3340, -3.1227, 21.6321



38.5420, -5.1972, 33.7277



45.6140, -4.7397, -19.8325



28.8970, -0.4422, 1.8443



29.5880, -8.1779, 56.4893



69.9120, -19.1836, 133.3812

Previews

White Background



This preview shows how the YUV color 36.3730, 11.1551, 15.4589 looks on a white background.

Color Contrast Check

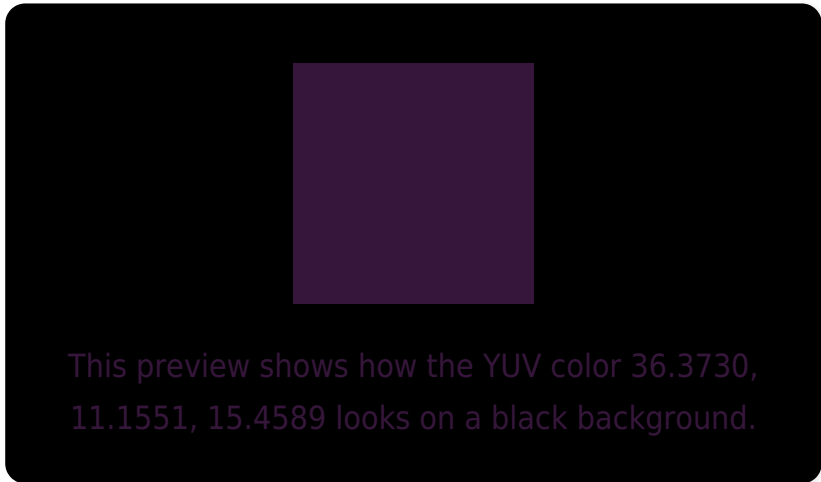
Large Text (above 18pt) WCAG AA ✓ Pass

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

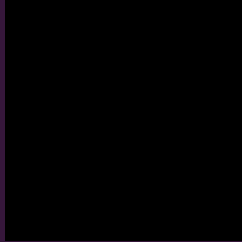
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.3730, 11.1551, 15.4589

Background



This preview shows how black text looks on a background with the YUV color 36.3730, 11.1551, 15.4589.



This preview shows how white text looks on a background with the YUV color 36.3730, 11.1551,

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

36.3730, 11.1551, 15.4589

Protanopia

33.1240, 18.6729, -15.8947

Deuteranopia

35.4040, 10.6468, -8.2473



Tritanopia

36.6210, -1.7852, 12.6104

Trichromacy



Original Color

36.3730, 11.1551, 15.4589

Protanomaly

34.5060, 16.0195, -4.8288

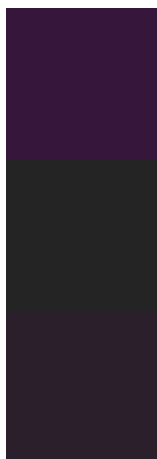
Deuteranomaly

35.5730, 11.0565, 0.3745

Tritanomaly

36.1850, 2.8668, 13.8698

Monochromacy



Original Color

36.3730, 11.1551, 15.4589

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.0700, 3.9095, 6.0776

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.3730, 11.1551, 15.4589 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(54, 23, 59)` looks like.

```
.text, #text, p{  
    color:rgb(54, 23, 59)  
}
```

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(54, 23, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 23, 59) }
```

Border

The CSS property to change the border of an element to YUV 36.3730, 11.1551, 15.4589 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(54, 23, 59) }
```


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

```
.border{ border-color:rgb(54, 23, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 23, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 23, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 23, 59);  
box-shadow:4px 4px 4px 4px rgb(54, 23, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.3730, 11.1551, 15.4589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 23, 59) }
```

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

```
.background{ background-color: rgb(54, 23,  
59) }
```

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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