

Converting Colors

YUV(36.0860, 6.3666, 11.3256)

Have a look what the booklet for
YUV(36.0860, 6.3666, 11.3256)
contains.

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Color

**YUV(36.0860, 6.3666,
11.3256)**

Conversions

Conversions Part 1

Format	Color
Hex	311B31
RGB	49, 27, 49
RGB Percent	19%, 11%, 19%
CMY	0.8078, 0.8941, 0.8078
CMYK	0.00, 0.45, 0.00, 0.81
HSL	300°, 29%, 15%
HSV	300°, 45%, 19%
XYZ	2.2129, 1.6586, 3.1092
YIQ	36.0860, 6.0500, 11.5060

Conversions

Conversions Part 2

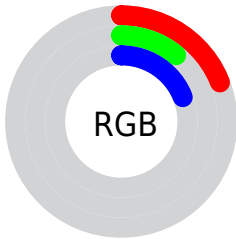
Format	Color
RYB	49, 27, 49
Decimal	3218225
CIELab	13.58, 15.26, -10.13
CIELCh	14, 18.316, 326.435
Yxy	1.6586, 0.3170, 0.2376
Android (android.graphics.Color)	4281408305 (0xFF311B31)
YUV	36.0860, 6.3666, 11.3256
Hunter-Lab	12.8786, 8.1341, -5.2991

Details

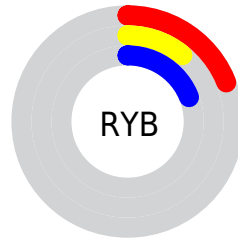
The YUV color **36.0860, 6.3666, 11.3256** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **39.9140, -6.3666, -11.3256**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.2110, 6.7980, 12.9700**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.1510, 7.8136, 13.8996**, and if you desaturate by 10%, it is **39.0210, 4.9196, 8.7516**.

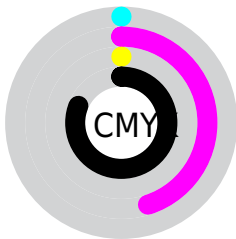
Distribution



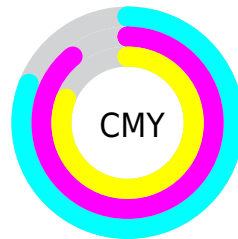
- Red (19%)
- Green (11%)
- Blue (19%)



- Red (19%)
- Yellow (11%)
- Blue (19%)



- Cyan (0%)
- Magenta (45%)
- Yellow (0%)
- Black (81%)



- Cyan (81%)
- Magenta (89%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.0860, 6.3666, 11.3256 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 36.0860, 6.3666, 11.3256 by changing the saturation by 10% instead.

■ 36.0860, 6.3666,
11.3256

■ 36.0860, 6.3666,
11.3256

■ 255.0000, 0.0000,
0.0000

■ 13.0370, 7.3768,
13.9996

■ 81.2110, 6.7980,
12.9700

■ 0.0000, 0.0000,
0.0000

■ 105.6240, 7.0874,
13.4848

■ 131.0370, 7.3768,
13.9996

■ 156.4500, 7.6662,
14.5144

■ 183.8630, 7.9555,
15.0291

■ 211.2760, 8.2449,

15.5439

■ 238.5640, 8.1029,
14.4144

■ 36.0860, 6.3666,
11.3256

■ 36.0860, 6.3666,
11.3256

■ 33.1510, 7.8136,
13.8996

■ 39.0210, 4.9196,
8.7516

■ 30.2160, 9.2605,
16.4736

■ 41.9560, 3.4727,
6.1776

■ 27.2810, 10.7075,
19.0476

■ 44.8910, 2.0257,
3.6036

■ 24.3460, 12.1544,
21.6216

■ 47.8260, 0.5788,
1.0296

■ 21.4110, 13.6014,
24.1956

■ 50.7610, -0.8682,
-1.5444

■ 20.2370, 14.1802,
25.2252

■ 53.1090, -2.0257,
-3.6036

■ 56.0440, -3.4727,
-6.1776

■ 58.9790, -4.9196,
-8.7516

■ 61.9140, -6.3666,
-11.3256

Harmonies

Analogous

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



35.2630, 11.2093, -1.9847



36.0860, 6.3666, 11.3256



35.3490, 0.8139, 18.9879

Triad

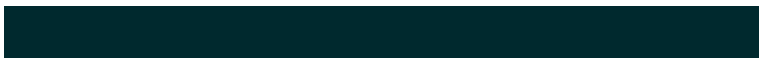
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.0860, 6.3666, 11.3256



32.9830, -14.2886, 9.6619



29.3110, 8.2277, -25.7057

Complementary

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



36.0860, 6.3666, 11.3256



39.9140, -6.3666, -11.3256

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.



27.8290, 2.5493, -24.4060



36.0860, 6.3666, 11.3256



31.9000, -11.7827, -0.7893

Square

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



36.0860, 6.3666, 11.3256



34.2380, -10.9633, 16.4543



30.2450, -5.0508, -13.3699



29.8640, 12.8850, -26.1907

Rectangle

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



36.0860, 6.3666, 11.3256



34.9210, -3.4121, 21.1173



30.2450, -5.0508, -13.3699



28.8550, 6.4805, -25.3058

Sweetspot

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



36.0860, 6.3666, 11.3256



58.7170, 2.6045, 4.6332



29.5080, 9.6096, -2.1995



30.0650, 1.4470, 2.5740



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.



36.0860, 6.3666, 11.3256



43.4550, 10.1287, 18.0180



34.8320, 1.5618, 12.4253



24.2390, 0.8682, 1.5444



36.7570, 25.7558, 45.8171



89.6210, 62.7978, 111.7114

Inverse Universe

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



36.0860, 6.3666, 11.3256



43.4550, 10.1287, 18.0180



41.1680, -1.5618, -12.4253



24.2390, 0.8682, 1.5444



36.7570, 25.7558, 45.8171



89.6210, 62.7978, 111.7114

Previews

White Background



This preview shows how the YUV color 36.0860, 6.3666, 11.3256 looks on a white background.

Color Contrast Check

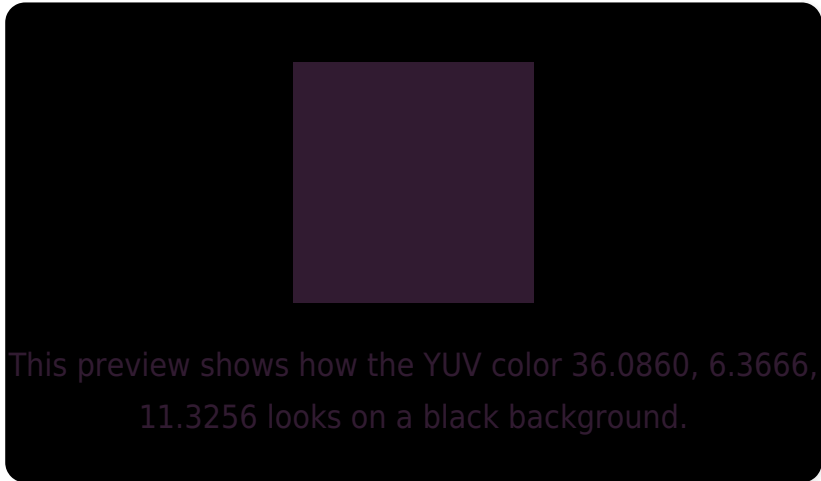
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0860, 6.3666, 11.3256

Background



This preview shows how black text looks on a background with the YUV color 36.0860, 6.3666, 11.3256.



This preview shows how white text looks on a background with the YUV color 36.0860, 6.3666, 11.3256.

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

36.0860, 6.3666, 11.3256

Protanopia

35.1870, 9.7678, -6.3030

Deuteranopia

35.5850, 6.1206, -3.1440



Tritanopia

36.0120, -1.4849, 9.6365

Trichromacy



Original Color

36.0860, 6.3666, 11.3256

Protanomaly

35.5900, 8.5831, 0.3596

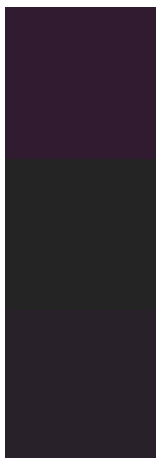
Deuteranomaly

35.6180, 6.1043, 2.0890

Tritanomaly

36.4080, 1.2779, 10.1662

Monochromacy



Original Color

36.0860, 6.3666, 11.3256

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.3040, 2.3151, 4.1184

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.0860, 6.3666, 11.3256 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, 27, 49)` looks like.

```
.text, #text, p{  
    color:rgb(49, 27, 49)  
}
```

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, 27, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 27, 49) }
```

Border

The CSS property to change the border of an element to YUV 36.0860, 6.3666, 11.3256 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, 27, 49) }
```


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

```
.border{ border-color:rgb(49, 27, 49) }
```

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

Here you see how a box with a 4 pixel rgb(49, 27, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 27, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 27, 49);  
box-shadow:4px 4px 4px 4px rgb(49, 27, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.0860, 6.3666, 11.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 27, 49) }
```

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

```
.background{ background-color: rgb(49, 27,  
49) }
```

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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