

Converting Colors

YUV(36.5140, 10.5926, 9.1962)

Have a look what the booklet for
YUV(36.5140, 10.5926, 9.1962)
contains.

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Color

**YUV(36.5140, 10.5926,
9.1962)**

Conversions

Conversions Part 1

Format	Color
Hex	2F1B3A
RGB	47, 27, 58
RGB Percent	18%, 11%, 23%
CMY	0.8157, 0.8941, 0.7725
CMYK	0.19, 0.53, 0.00, 0.77
HSL	279°, 36%, 17%
HSV	279°, 53%, 23%
XYZ	2.3279, 1.6937, 4.2072
YIQ	36.5140, 1.9690, 13.8810

Conversions

Conversions Part 2

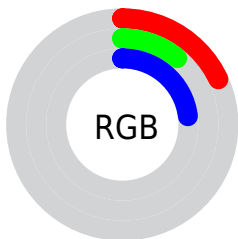
Format	Color
R_{YB}	47, 27, 58
Decimal	3087162
CIE _{Lab}	13.79, 16.80, -16.25
CIE _{LCh}	14, 23.375, 315.949
Yxy	1.6937, 0.2829, 0.2058
Android (android.graphics.Color)	4281277242 (0xFF2F1B3A)
YUV	36.5140, 10.5926, 9.1962
Hunter-Lab	13.0142, 9.1548, -10.0572

Details

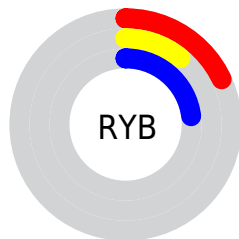
The YUV color **36.5140, 10.5926, 9.1962** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **48.4860, -10.5926, -9.1962**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.7530, 11.4608, 10.7406**, and **2.0690, 5.3890, -1.8145** is the 20% darker color. If you saturate the color by 10%, you get **32.3940, 12.6238, 11.0555**, and if you desaturate by 10%, it is **40.6340, 8.5614, 7.3370**.

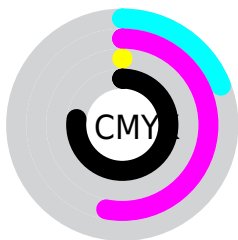
Distribution



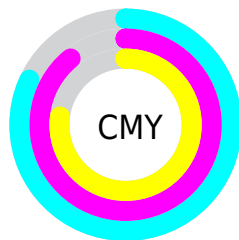
- Red (18%)
- Green (11%)
- Blue (23%)



- Red (18%)
- Yellow (11%)
- Blue (23%)



- Cyan (19%)
- Magenta (53%)
- Yellow (0%)
- Black (77%)



- Cyan (82%)
- Magenta (89%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.5140, 10.5926, 9.1962 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 36.5140, 10.5926, 9.1962 by changing the saturation by 10% instead.

■ 36.5140, 10.5926,
9.1962

■ 36.5140, 10.5926,
9.1962

■ 255.0000, 0.0000,
0.0000

■ 13.3510, 11.1660,
11.9702

■ 81.7530, 11.4608,
10.7406

■ 2.0690, 5.3890,
-1.8145

■ 106.2800, 12.1870,
11.1554

■ 0.0000, 0.0000,
0.0000

■ 131.6930, 12.4764,
11.6702

■ 157.2200, 13.2025,
12.0851

■ 184.5190, 13.0551,
12.6998

■ 212.0460, 13.7813,

13.1147

239.1510, 7.8136,
13.8996

36.5140, 10.5926,
9.1962

36.5140, 10.5926,
9.1962

32.3940, 12.6238,
11.0555

40.6340, 8.5614,
7.3370

28.2740, 14.6549,
12.9147

44.7540, 6.5303,
5.4777

24.7410, 16.3967,
14.2591

48.2870, 4.7885,
4.1333

20.6210, 18.4278,
16.1184

52.4070, 2.7573,
2.2741

17.6750, 19.8802,
16.9480

56.5270, 0.7262,
0.4148

■ 60.6470, -1.3050,
-1.4444

■ 64.7670, -3.3361,
-3.3037

■ 68.3000, -5.0779,
-4.6481

■ 72.7190, -7.2565,
-5.8926

Harmonies

Analogous

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



33.5760, 16.4780, -11.9062



36.5140, 10.5926, 9.1962



35.5820, 4.1501, 22.2916

Triad

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



36.5140, 10.5926, 9.1962



33.4460, -16.4889, 15.3949



30.2570, 6.7753, -26.5354

Complementary

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



36.5140, 10.5926, 9.1962



48.4860, -10.5926, -9.1962

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.



27.7320, -0.3609, -24.3210



36.5140, 10.5926, 9.1962



32.7820, -16.1615, 3.6992

Square

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



36.5140, 10.5926, 9.1962



34.0540, -11.8586, 23.6316



30.1760, -10.4398, -11.5554



31.2660, 13.1799, -27.4203

Rectangle

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



36.5140, 10.5926, 9.1962



34.0510, -0.5181, 26.2653



30.1760, -10.4398, -11.5554



29.5730, 4.1545, -25.9355

Sweetspot

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



36.5140, 10.5926, 9.1962



67.8740, 4.4991, 3.6185



36.9910, 10.3574, -8.7621



33.2930, 2.3206, 2.3740



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.



36.5140, 10.5926, 9.1962



42.8550, 16.8335, 14.1592



39.3470, 7.2239, 16.3587



25.9400, 1.0156, 0.9296



28.1290, 31.4884, 27.0739



67.1250, 74.8744, 64.7884

Inverse Universe

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



37.5230, 0.2352, 17.9583



44.5890, 0.2026, 28.4244



45.6530, -7.2239, -16.3587



26.0110, -0.0054, 1.7444



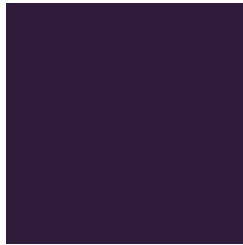
31.2700, 0.8529, 53.2602



74.3730, 1.7881, 126.8379

Previews

White Background



This preview shows how the YUV color 36.5140, 10.5926, 9.1962 looks on a white background.

Color Contrast Check

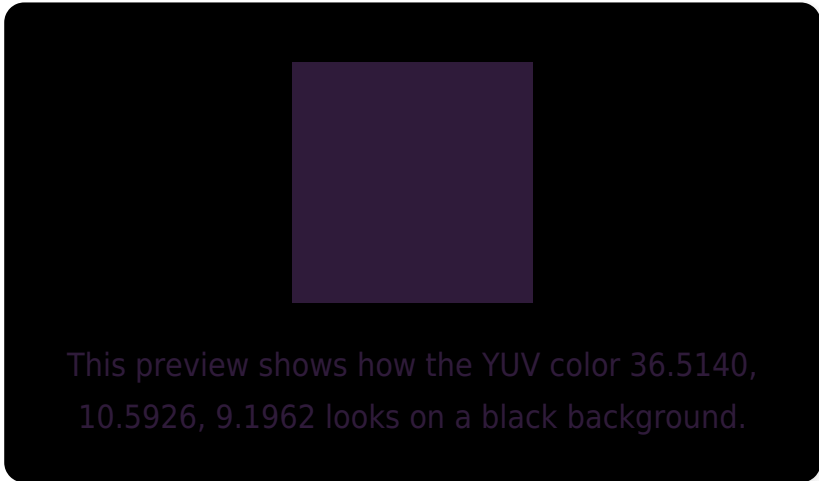
Large Text (above 18pt) WCAG AA ✓ Pass

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

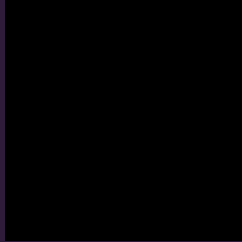
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.5140, 10.5926, 9.1962

Background



This preview shows how black text looks on a background with the YUV color 36.5140, 10.5926, 9.1962.



This preview shows how white text looks on a background with the YUV color 36.5140, 10.5926,

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

36.5140, 10.5926, 9.1962

Protanopia

33.9350, 15.3150, -12.2210

Deuteranopia

34.6920, 10.5048, -9.3769



Tritanopia

36.2180, -0.6005, 5.9478

Trichromacy



Original Color

36.5140, 10.5926, 9.1962

Protanomaly

34.8220, 13.3988, -4.2289

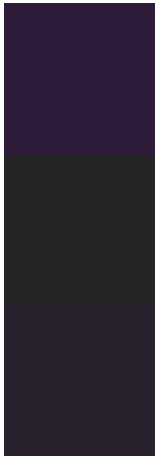
Deuteranomaly

35.4370, 10.6306, -3.0142

Tritanomaly

36.2550, 3.3253, 6.7924

Monochromacy



Original Color

36.5140, 10.5926, 9.1962

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.7600, 4.0623, 3.7185

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.5140, 10.5926, 9.1962 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(47, 27, 58)` looks like.

```
.text, #text, p{  
    color:rgb(47, 27, 58)  
}
```

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(47, 27, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 27, 58) }
```

Border

The CSS property to change the border of an element to YUV 36.5140, 10.5926, 9.1962 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(47, 27, 58) }
```


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

```
.border{ border-color:rgb(47, 27, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 27, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 27, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 27, 58);  
box-shadow:4px 4px 4px 4px rgb(47, 27, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.5140, 10.5926, 9.1962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 27, 58) }
```

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

```
.background{ background-color: rgb(47, 27,  
58) }
```

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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