

Converting Colors

YUV(25.7080, 16.4130, 9.0261)

Have a look what the booklet for
YUV(25.7080, 16.4130, 9.0261)
contains.

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Color

**YUV(25.7080, 16.4130,
9.0261)**

Conversions

Conversions Part 1

Format	Color
Hex	240E3B
RGB	36, 14, 59
RGB Percent	14%, 5%, 23%
CMY	0.8588, 0.9451, 0.7686
CMYK	0.39, 0.76, 0.00, 0.77
HSL	269°, 62%, 14%
HSV	269°, 76%, 23%
XYZ	1.6740, 1.0049, 4.2434
YIQ	25.7080, -1.3330, 18.6590

Conversions

Conversions Part 2

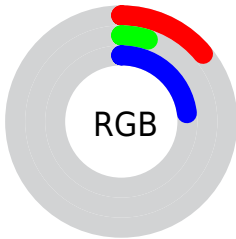
Format	Color
RYB	36, 14, 59
Decimal	2362939
CIELab	9.03, 22.19, -24.65
CIELCh	9, 33.167, 311.997
Yxy	1.0049, 0.2418, 0.1452
Android (android.graphics.Color)	4280553019 (0xFF240E3B)
YUV	25.7080, 16.4130, 9.0261
Hunter-Lab	10.0245, 12.2651, -18.0805

Details

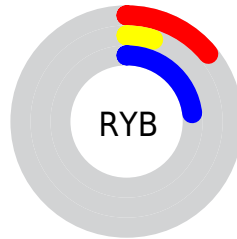
The YUV color **25.7080, 16.4130, 9.0261** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **47.2920, -16.4130, -9.0261**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.4740, 18.0073, 10.9853**, and **2.1830, 5.8258, -1.9145** is the 20% darker color. If you saturate the color by 10%, you get **21.2890, 18.5915, 10.2705**, and if you desaturate by 10%, it is **30.1270, 14.2344, 7.7816**.

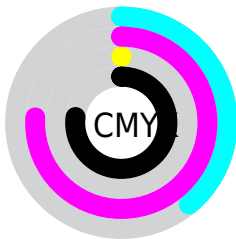
Distribution



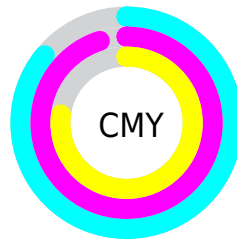
- Red (14%)
- Green (5%)
- Blue (23%)



- Red (14%)
- Yellow (5%)
- Blue (23%)



- Cyan (39%)
- Magenta (76%)
- Yellow (0%)
- Black (77%)



- Cyan (86%)
- Magenta (95%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.7080, 16.4130, 9.0261 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 25.7080, 16.4130, 9.0261 by changing the saturation by 10% instead.

■ 25.7080, 16.4130,
9.0261

■ 25.7080, 16.4130,
9.0261

■ 246.1950, 4.3409,
7.7220

■ 9.3010, 13.6556,
6.7520

■ 70.4740, 18.0073,
10.9853

■ 2.1830, 5.8258,
-1.9145

■ 94.8870, 18.2967,
11.5001

■ 0.0000, 0.0000,
0.0000

■ 119.7130, 18.8755,
12.5297

■ 145.2400, 19.6017,
12.9445

■ 172.0660, 20.1805,
13.9741

■ 199.5930, 20.9067,

14.3889

■ 225.8830, 14.3547,
15.8886

■ 25.7080, 16.4130,
9.0261

■ 25.7080, 16.4130,
9.0261

■ 21.2890, 18.5915,
10.2705

■ 30.1270, 14.2344,
7.7816

■ 16.8700, 20.7701,
11.5150

■ 34.5460, 12.0558,
6.5372

■ 15.3970, 21.4963,
11.9298

■ 38.9650, 9.8773,
5.2927

■ 43.3840, 7.6987,
4.0482

■ 47.8030, 5.5201,
2.8038

■ 51.6350, 3.6309,
2.0741

■ 56.0540, 1.4524,
0.8296

■ 60.4730, -0.7262,
-0.4148

■ 64.8920, -2.9048,
-1.6593

Harmonies

Analogous

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



23.2420, 23.0517, -20.3832



25.7080, 16.4130, 9.0261



21.6030, 9.0697, 31.0432

Triad

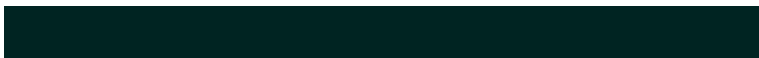
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.7080, 16.4130, 9.0261



24.3090, -11.9843, 17.2690



25.0080, 4.4331, -21.9320

Complementary

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



25.7080, 16.4130, 9.0261



47.2920, -16.4130, -9.0261

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.



21.9300, -7.3605, -19.2326



25.7080, 16.4130, 9.0261



23.3240, -11.4987, 1.4699

Square

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



25.7080, 16.4130, 9.0261



20.8640, -10.2860, 32.5683



19.3710, -9.5499, -16.9884



26.8150, 13.8952, -23.5168

Rectangle

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



25.7080, 16.4130, 9.0261



21.3880, 1.7807, 35.6167



19.3710, -9.5499, -16.9884



24.0960, 0.9387, -21.1322

Sweetspot

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



25.7080, 16.4130, 9.0261



63.7430, 6.5357, 3.7334



32.6310, 12.9999, -16.3394



30.6350, 3.6309, 2.0741



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.



25.7080, 16.4130, 9.0261



24.5590, 25.8534, 14.4188



32.2860, 13.1700, 22.5512



28.6410, 1.1630, 0.3148



24.4700, 34.2783, 18.8818



57.6000, 81.0492, 44.2008

Inverse Universe

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



30.0770, 3.4130, 25.3655



31.3330, 5.2588, 40.0500



40.7140, -13.1700, -22.5512



29.0110, -0.0054, 1.7444



33.5780, 7.1100, 52.9901



79.2600, 16.6338, 125.1830

Previews

White Background



This preview shows how the YUV color 25.7080, 16.4130, 9.0261 looks on a white background.

Color Contrast Check

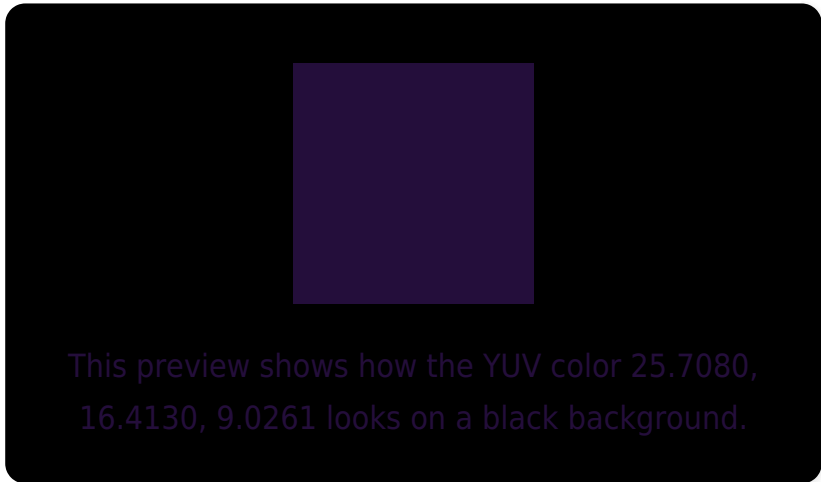
Large Text (above 18pt) WCAG AA ✓ Pass

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

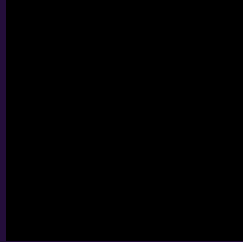
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.7080, 16.4130, 9.0261

Background



This preview shows how black text looks on a background with the YUV color 25.7080, 16.4130, 9.0261.



This preview shows how white text looks on a background with the YUV color 25.7080, 16.4130,

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

25.7080, 16.4130, 9.0261

Protanopia

21.5320, 16.4997, -18.8836

Deuteranopia

21.7940, 12.4266, -19.1133



Tritanopia

27.1250, 0.4314, 1.6444

Trichromacy



Original Color

25.7080, 16.4130, 9.0261

Protanomaly

23.1850, 16.1778, -8.9322

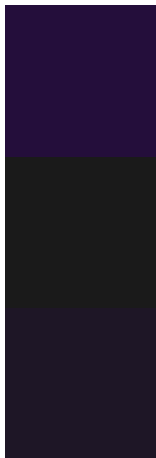
Deuteranomaly

23.2020, 13.7044, -8.9472

Tritanomaly

26.9280, 5.9515, 4.4481

Monochromacy



Original Color

25.7080, 16.4130, 9.0261

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.2160, 5.8095, 3.3186

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.7080, 16.4130, 9.0261 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(36, 14, 59)` looks like.

```
.text, #text, p{  
    color:rgb(36, 14, 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(36, 14, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 14, 59) }
```

Border

The CSS property to change the border of an element to YUV 25.7080, 16.4130, 9.0261 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(36, 14, 59) }
```


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

```
.border{ border-color:rgb(36, 14, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 14, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 14, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 14, 59);  
box-shadow:4px 4px 4px 4px rgb(36, 14, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.7080, 16.4130, 9.0261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 14, 59) }
```

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

```
.background{ background-color: rgb(36, 14,  
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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