

Converting Colors

YUV(27.3160, 14.1412, -9.0471)

Have a look what the booklet for
YUV(27.3160, 14.1412, -9.0471)
contains.

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Color

**YUV(27.3160, 14.1412,
-9.0471)**

Conversions

Conversions Part 1

Format	Color
Hex	111B38
RGB	17, 27, 56
RGB Percent	7%, 11%, 22%
CMY	0.9333, 0.8941, 0.7804
CMYK	0.70, 0.52, 0.00, 0.78
HSL	225°, 53%, 14%
HSV	225°, 70%, 22%
XYZ	1.3369, 1.1886, 3.9003
YIQ	27.3160, -15.2690, 6.8990

Conversions

Conversions Part 2

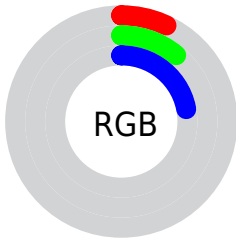
Format	Color
R_{YB}	17, 25, 56
Decimal	1121080
CIE Lab	10.47, 6.59, -20.29
CIE LCh	10, 21.330, 287.994
Yxy	1.1886, 0.2081, 0.1850
Android (android.graphics.Color)	4279311160 (0xFF111B38)
YUV	27.3160, 14.1412, -9.0471
Hunter-Lab	10.9021, 2.8105, -13.5801

Details

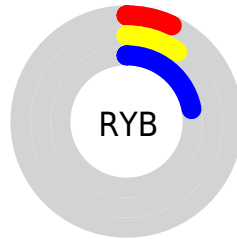
The YUV color **27.3160, 14.1412, -9.0471** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **45.6840, -14.1412, 9.0471**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.9680, 15.2988, -6.9879**, and **1.0260, 3.9312, -0.8998** is the 20% darker color. If you saturate the color by 10%, you get **23.1740, 16.1832, -10.6766**, and if you desaturate by 10%, it is **31.4580, 12.0992, -7.4177**.

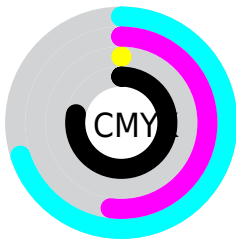
Distribution



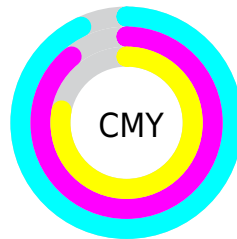
- Red (7%)
- Green (11%)
- Blue (22%)



- Red (7%)
- Yellow (10%)
- Blue (22%)



- Cyan (70%)
- Magenta (52%)
- Yellow (0%)
- Black (78%)



- Cyan (93%)
- Magenta (89%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.3160, 14.1412, -9.0471 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 27.3160, 14.1412, -9.0471 by changing the saturation by 10% instead.

■ 27.3160, 14.1412,
-9.0471

■ 27.3160, 14.1412,
-9.0471

■ 252.9180, 1.0264,
-2.5591

■ 3.9900, 15.2879,
-3.4992

■ 71.9680, 15.2988,
-6.9879

■ 1.0260, 3.9312,
-0.8998

■ 95.4950, 16.0250,
-6.5731

■ 0.0000, 0.0000,
0.0000

■ 120.6090, 16.4618,
-6.6731

■ 146.7230, 16.8986,
-6.7731

■ 172.9510, 17.7722,
-6.9730

■ 200.3640, 18.0615,

-6.4582

■ 227.2240, 13.6936,
-5.4584

■ 27.3160, 14.1412,
-9.0471

■ 27.3160, 14.1412,
-9.0471

■ 23.1740, 16.1832,
-10.6766

■ 31.4580, 12.0992,
-7.4177

■ 19.3310, 18.0778,
-11.6913

■ 35.3010, 10.2046,
-6.4030

■ 15.1890, 20.1198,
-13.3208

■ 39.4430, 8.1626,
-4.7735

■ 14.6020, 20.4092,
-12.8060

■ 43.8730, 5.9786,
-4.2736

■ 48.0150, 3.9366,
-2.6442

■ 52.1570, 1.8946,
-1.0147

■ 56.0000, 0.0000,
0.0000

■ 60.1420, -2.0420,
1.6295

■ 63.9850, -3.9366,
2.6442

Harmonies

Analogous

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



25.2820, 15.6370, -22.1723



27.3160, 14.1412, -9.0471



29.7590, 8.9928, 8.9814

Triad

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



27.3160, 14.1412, -9.0471



26.9890, -13.3056, 21.0576



23.0530, -0.5191, -20.2175

Complementary

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



27.3160, 14.1412, -9.0471



45.6840, -14.1412, 9.0471

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.



23.3010, -10.0084, -9.9110



27.3160, 14.1412, -9.0471



27.2330, -13.4259, 12.9507

Square

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



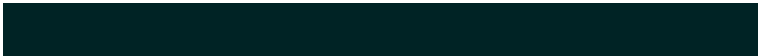
27.3160, 14.1412, -9.0471



27.2310, -3.5649, 23.4764



26.2810, -12.9565, 2.3846



24.7630, 6.0328, -21.7172

Rectangle

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



27.3160, 14.1412, -9.0471



29.1900, 5.3293, 17.3734



26.2810, -12.9565, 2.3846



22.3690, -3.1399, -19.6176

Sweetspot

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



27.3160, 14.1412, -9.0471



62.1720, 5.8312, -3.6588



43.1990, 1.3809, -22.9765



31.2000, 3.3524, -1.9294



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.



27.3160, 14.1412, -9.0471



28.4600, 22.4512, -14.4354



24.1370, 15.7085, 1.6339



25.9290, 1.0210, -0.8147



24.5760, 33.2400, -21.5532



57.8380, 79.4529, -50.7239

Inverse Universe

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



29.8010, -1.3809, 22.9765



32.3620, -2.1505, 36.5165



48.8630, -15.7085, -1.6339



26.0110, -0.0054, 1.7444



30.2440, -3.0783, 54.1600



71.8650, -7.8214, 129.0374

Previews

White Background



This preview shows how the YUV color 27.3160, 14.1412, -9.0471 looks on a white background.

Color Contrast Check

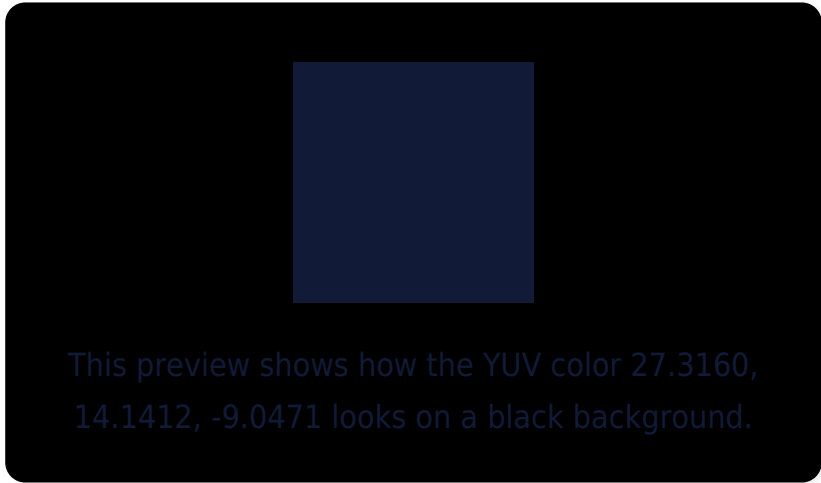
Large Text (above 18pt) WCAG AA ✓ Pass

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

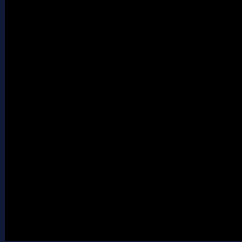
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.3160, 14.1412, -9.0471

Background



This preview shows how black text looks on a background with the YUV color 27.3160, 14.1412, -9.0471.



This preview shows how white text looks on a background with the YUV color 27.3160, 14.1412, -9.0471.

-9.0471.

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

27.3160, 14.1412, -9.0471

Protanopia

25.9240, 15.3205, -13.9653

Deuteranopia

22.8370, 13.8844, -20.0280



Tritanopia

22.6600, 5.5906, -19.8728

Trichromacy



Original Color

27.3160, 14.1412, -9.0471

Protanomaly

26.8210, 14.8782, -12.1210

Deuteranomaly

24.2720, 14.1629, -16.0245

Tritanomaly

24.1920, 8.7793, -15.9544

Monochromacy



Original Color

27.3160, 14.1412, -9.0471

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.0580, 5.3944, -3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.3160, 14.1412, -9.0471 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(17, 27, 56)` looks like.

```
.text, #text, p{  
    color:rgb(17, 27, 56)  
}
```

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(17, 27, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 27, 56) }
```

Border

The CSS property to change the border of an element to YUV 27.3160, 14.1412, -9.0471 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(17, 27, 56) }
```


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

```
.border{ border-color:rgb(17, 27, 56) }
```

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

Here you see how a box with a 4 pixel rgb(17, 27, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 27, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 27, 56);  
box-shadow:4px 4px 4px 4px rgb(17, 27, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.3160, 14.1412, -9.0471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 27, 56) }
```

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

```
.background{ background-color: rgb(17, 27,  
56) }
```

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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